

Supersedes ISO TC 184/SC4/WG3_N____**ISO/CD TS 10303-332.****Product data representation and exchange: Abstract test suite: Technical data packaging core information and exchange****ABSTRACT:****KEYWORDS:****COMMENTS TO READER:**

Project Leader: Jim Clark Address: The Boeing Company Mail Code 6M-HR PO Box 3707 Seattle, WA 98124-2207 Telephone: 425-965-6102 Telefacsimile: 425-965-6655 Electronic mail: james.w.clark@boeing.com	Project Editor: Address: Telephone: Telefacsimile: Electronic mail:
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International Organization for Standardization
Case Postale 56 • CH-1211 Geneve • Switzerland

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

In other circumstances, particularly when there is an urgent market requirement for such documents, a technical committee may decide to publish other types of normative document:

- an ISO Publicly Available Specification (ISO/PAS) represents an agreement between technical experts in an ISO working group and is accepted for publication if it is approved by more than 50 % of the members of the parent committee casting a vote;
- an ISO Technical Specification (ISO/TS) represents an agreement between the members of a technical committee and is accepted for publication if it is approved by 2/3 of the members of the committee casting a vote.

An ISO/PAS or ISO/TS is reviewed every three years with a view to deciding whether it can be transformed into an International Standard.

Attention is drawn to the possibility that some of the elements of this part of ISO 10303 maybe subject to patent rights. ISO shall not be held responsible for any or all such patent rights.

ISO/TS 10303-323 was prepared by Technical Committee ISO/TC 184, *Industrial automation systems and integration*, Subcommittee SC4, *Industrial data*.

This International Standard is organised as a series of parts, each published separately. The structure of this International Standard is described in ISO 10303-1.

Each part of this International Standard is a member of one of the following series: description methods, implementation methods, conformance testing methodology and framework, integrated generic resources, integrated application resources, application protocols, abstract test suites, application interpreted constructs, and application modules. This part is a member of the abstract test suite series.

A complete list of parts of ISO 10303 is available from the Internet:

Annexes A, B and C form a normative part of this part of ISO 10303. Annexes D and E are for information only.

Introduction

ISO 10303 is an International Standard for the computer-interpretable representation of product information and for the exchange of product data. The objective is to provide a neutral mechanism capable of describing products throughout their life cycle. This mechanism is suitable not only for neutral file exchange, but also as a basis for implementing and sharing product databases, and as a basis for archiving.

This part of ISO 10303 specifies the abstract test suite for ISO 10303-232, Application protocol: Technical data packaging core information and exchange. The abstract test cases presented here are the basis for conformance testing of implementations of ISO 10303-232.

The purpose of an abstract test suite is to provide a basis for evaluating whether a particular implementation of an application protocol actually conforms to the requirements of that application protocol. A standard abstract test suite helps ensure that evaluations of conformance are conducted in a consistent manner by different test laboratories.

This abstract test suite is made up of two major parts:

- the test purposes, the specific items to be covered by conformance testing;
- the set of abstract test cases that meet those test purposes.

The test purposes are statements of the application protocol requirements that are to be addressed by the abstract test cases. Test purposes are derived primarily from the application protocol's information requirements and AIM, as well as from other sources such as standards referenced by the application protocol and requirements stated in the application protocol conformance requirements clause.

The abstract test cases address the test purposes by:

- specifying the requirements for input data to be used when testing an implementation of the application protocol;
- specifying the verdict criteria to be used when evaluating whether the implementation successfully converted the input data to a different form.

The abstract test cases set the requirements for the executable test cases that are required to actually conduct a conformance test. Executable test cases contain the scripts, detailed values, and other explicit information required to conduct a conformance test on a specific implementation of the application protocol.

At the time of publication of this document, conformance testing requirements had been established for implementations of application protocols in combination with ISO 10303-21 and ISO 10303-22.

This part of ISO 10303 only specifies test purposes and abstract test cases for a subset of such implementations.

NOTE ISO TC184/SC4 has prepared a Standing Document [1] for documenting abstract test suites that are prepared as International Standards. Subsequent ISO TC184/SC4 resolutions allow abstract test suites to be prepared as Technical Specifications. This part of ISO 10303 was documented as a Technical Specification using the ISO TC184/SC4 Standing Document [1] as a guide. Technical differences in documentation of abstract test suites to the Standing Document [1] are identified in NOTES throughout this part of ISO 10303. Editorial differences in documentation are not identified in this part of ISO 10303.

For ISO 10303-21, two kinds of implementations, preprocessors and postprocessors, must be tested. Both these are addressed in this abstract test suite.

For ISO 10303-22, a class of applications will possess the capability to upload and download AP-compliant SDAI-models or schema instances to and from applications that implement the SDAI. By providing test case data that correspond with SDAI-models, this abstract test suite addresses such applications in a single-schema scenario.

Industrial automation systems and integration — Product data representation and exchange —

Part 332:

Abstract test suite: Technical data packaging core information and exchange

1 Scope

This part of ISO 10303 specifies the abstract test suite to be used in the conformance testing of implementations of ISO 10303-232. The following are within the scope of this part of ISO 10303:

- the specification of the test purposes associated with ISO 10303-232;
 - the verdict criteria to be applied during conformance testing of an implementation of ISO 10303-232 using ISO 10303-21 or ISO 10303-22;
- NOTE - The verdict criteria are used to ascertain whether a test purpose has been satisfactorily met by an implementation under test (IUT) within the context of a given test case.
- the abstract test cases to be used as the basis for the executable test cases for conformance testing.

The following are outside the scope of this part of ISO 10303:

- the creation of executable test cases;
- test specifications for tests other than conformance testing such as interoperability or acceptance testing;
- other implementation methods.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 10303. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 10303 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 10303-1:1994, *Industrial automation systems and integration — Product data representation and exchange — Part 1: Overview and fundamental principles*.

ISO 10303-11:1994, *Industrial automation systems and integration — Product data representation and exchange — Part 11: Description methods: The EXPRESS language reference manual*.

ISO 10303-21:1994, *Industrial automation systems and integration — Product data representation and exchange — Part 21: Implementation method: Clear text encoding of the exchange structure.*

ISO 10303-22:1994, *Industrial automation systems and integration — Product data representation and exchange — Part 22: Implementation method: Standard data access interface.*

ISO 10303-31:1994, *Industrial automation systems and integration — Product data representation and exchange — Part 31: Conformance testing methodology and framework: General concepts.*

ISO 10303-32:1998, *Industrial automation systems and integration — Product data representation and exchange — Part 32: Conformance testing methodology and framework: Requirements on testing laboratories and clients.*

ISO 10303-34:2???, *Industrial automation systems and integration — Product data representation and exchange — Part 34: Conformance testing methodology and framework: Abstract test methods for Part 21 implementations.*

ISO 10303-232:2000, *Industrial automation systems and integration — Product data representation and exchange — Part 232: Application protocol: Technical data packaging core information and exchange.*

3 Terms, definitions, and abbreviations

3.1 Terms defined in ISO 10303-1

For the purpose of this part of ISO 10303, the following terms defined in ISO 10303-1 apply.

- abstract test suite (ATS);
- application protocol (AP);
- implementation method.

3.2 Terms defined in ISO 10303-31

For the purpose of this part of ISO 10303, the following terms defined in ISO 10303-31 apply.

- abstract test case (ATC);
- conformance testing;
- executable test case;
- implementation under test (IUT);
- postprocessor;
- preprocessor;
- test purpose;

- verdict criterion.

3.3 Terms defined in ISO 10303-232

For the purpose of this part of ISO 10303, the following terms defined in ISO 10303-232 apply.

- associated list;
- data definition exchange (DDE);
- data list;
- indentured data list;
- index list;
- parts list;
- TDP element;
- Technical Data Package.

3.4 Other terms and definitions

For the purposes of this part of ISO 10303, the following definitions apply.

application element

an application object, attribute, or assertion defining the information requirements in clause 4 of an application protocol.

application element test purpose

a test purpose derived from the application elements in the ARM of an application protocol.

application interpreted model test purpose

a test purpose derived from the AIM EXPRESS schema of an application protocol.

domain test purpose

a test purpose that arises from the requirements that are implicit in an application protocol and derived from usage scenarios and the process and information flows in the application domain of an application protocol.

external reference test purpose

test purpose derived from requirements that arise from standards referenced by an application protocol.

input specification

the instance model of an abstract test case presented in an unambiguous form, the table format for preprocessors and physical files (ISO 10303-21).

3.5 Abbreviations

AE application element

AIM application interpreted model

AP application protocol

ARM application reference model

ATS abstract test suite

CC conformance class

IUT implementation under test

UoF unit of functionality

4 Test purposes

This clause specifies the test purposes for this part of ISO 10303. Clauses 4.1 and 4.2 describe the source and meaning of test purposes that are derived from the information requirement contained in clause 4 of ISO 10303-232 and the AIM EXPRESS schema in annex A of ISO 10303-232, and common usage scenarios. Each test purpose statement identifies some specific element from the AEs or the AIM. Every test purpose statement implicitly requires that the identified element, as specified in the test purpose statement, will be correctly instantiated by the implementation under test in at least one test case within the test suite.

Implementation method test purposes in 4.3 are derived from ISO 10303-21. Implementation method and domain test purposes are individually identified by the prefix “other” in the test purpose number. These test purposes are statements of requirements that shall be met by a conforming implementation.

4.1 Application element test purposes

AE test purposes are individually identified by the prefix “ae” in the test purpose number. Each test purpose derived from the information requirements shall be interpreted as given in the following statement: the IUT shall preserve the semantics associated with the unique application element from which the test purpose was derived. This implies that the semantics of the application element are preserved by the IUT between the input and output of a test, according to the reference path specified in the mapping table of the AP. AE test purposes apply to the input specifications of both preprocessor and postprocessor test cases. AE test purposes are derived from the AP information requirements as follows:

— application objects (see 4.2 of ISO 10303-232). A test purpose derived from an application object is a simple statement of the object's name. Each application object test purpose is documented in a separate subclause.

NOTE 1 The following application objects function as simple type attributes and do not have separate, derived test purposes: A_number, A_real, An_integer, Identifier, Label, Measure, and Text. See notes 2 and 3 below.

— application objects with categorisations (subtypes) (see 4.2 of ISO 10303-232). Test purposes derived from application objects with categorisations are statements of the application object name as a specific subtype.

— application object attributes (see 4.2 of ISO 10303-232). Test purposes derived from application object attributes are statements of the application object name with a specific attribute name.

NOTE 2 Only the application object attributes whose type is one of the application objects identified in note 1 have test purposes of this kind.

— application assertions (see 4.3 of ISO 10303-232). Test purposes derived from application assertions are statements describing the relationship between two application objects. Application assertion test purposes address the directions of relationships as well as the number (cardinality) of relationships.

NOTE 3 Application assertions that involve one of the application objects identified in note 1 do not have test purposes.

Each application object test purpose is listed as a separate subclause, with its related application object attribute test purposes and assertion test purposes.

4.1.1 Accessed_file

- ae1 Accessed_file
- ae2 Accessed_file with path_information not present
- ae3 Accessed_file with path_information
- ae4 Accessed_file with storage_node_identification not present
- ae5 Accessed_file with storage_node_identification
- ae6 Accessed_file is entry_files for one Data_definition_entry_item
- ae7 Accessed_file is entry_files for many Data_definition_entry_item objects
- ae8 Accessed_file is entry_files for one Data_definition_entry_tdp_element
- ae9 Accessed_file is entry_files for many Data_definition_entry_tdp_element objects
- ae10 Accessed_file is file_entries for one Simple_list_of_files
- ae11 Accessed_file is file_entries for many Simple_list_of_files objects

4.1.2 Alternate_element_identification

- ae12 Alternate_element_identification
- ae13 Alternate_element_identification with identifying_number
- ae14 Alternate_element_identification with title not present
- ae15 Alternate_element_identification with title

- ae16 Alternate_element_identification has change_status of zero Change_identification
- ae17 Alternate_element_identification has change_status of one Change_identification
- ae18 Alternate_element_identification has design_activity of one Design_authority
- ae19 Alternate_element_identification has element_classifications of zero Element_type
- ae20 Alternate_element_identification has element_classifications of one Element_type
- ae21 Alternate_element_identification has element_classifications of many Element_type objects
- ae22 Alternate_element_identification has outstanding_changes of zero Other_reference_document
- ae23 Alternate_element_identification has outstanding_changes of one Other_reference_document
- ae24 Alternate_element_identification has outstanding_changes of many Other_reference_document objects
- ae25 Alternate_element_identification is alternate_identifications for one Element_identification
- ae26 Alternate_element_identification is alternate_identifications for many Element_identification objects

4.1.3 Alternate_identification_of_item

- ae27 Alternate_identification_of_item
- ae28 Alternate_identification_of_item with identifying_number of one Identifier
- ae29 Alternate_identification_of_item has identifying_number of one item_identifying_number_select as Drawing_suffix_number_combination
- ae30 Alternate_identification_of_item with nomenclature_or_name not present
- ae31 Alternate_identification_of_item with nomenclature_or_name
- ae32 Alternate_identification_of_item has change of zero Change_identification
- ae33 Alternate_identification_of_item has change of one Change_identification
- ae34 Alternate_identification_of_item has classifications of zero Item_type
- ae35 Alternate_identification_of_item has classifications of one Item_type
- ae36 Alternate_identification_of_item has classifications of many Item_type objects
- ae37 Alternate_identification_of_item has design_activity of one Design_authority
- ae38 Alternate_identification_of_item has source_information of zero Source_information_type
- ae39 Alternate_identification_of_item has source_information of one Source_information_type
- ae40 Alternate_identification_of_item is alternate_identifications for one Item_identification
- ae41 Alternate_identification_of_item is alternate_identifications for many Item_identification objects

4.1.4 Alternate_item

- ae42 Alternate_item
- ae43 Alternate_item with type_of_alternate not present
- ae44 Alternate_item with type_of_alternate
- ae45 Alternate_item with usage_conditions not present
- ae46 Alternate_item with usage_conditions of one An_integer
- ae47 Alternate_item with usage_conditions of many An_integer elements
- ae48 Alternate_item with usage_conditions of one Text
- ae49 Alternate_item with usage_conditions of many Text elements
- ae50 Alternate_item has interchange_item of one usage_context as Item
- ae51 Alternate_item has interchange_item of one usage_context as Item_usage
- ae52 Alternate_item is alternates for one Item
- ae53 Alternate_item is alternates for many Item objects

4.1.5 Annotation

- ae54 Annotation
- ae55 Annotation has annotation_geometry of zero Geometry
- ae56 Annotation has annotation_geometry of one Geometry
- ae57 Annotation is annotation_presentation for one Product_presentation
- ae58 Annotation is annotation_presentation for many Product_presentation objects

4.1.6 Approval

- ae59 Approval
- ae60 Approval with purpose_of
- ae61 Approval has approval_date of one Date
- ae62 Approval has person_organization of zero Person_and_organization
- ae63 Approval has person_organization of one Person_and_organization
- ae64 Approval is approval_of_configuration for one Product_configuration
- ae65 Approval is approval_of_configuration for many Product_configuration objects
- ae66 Approval is effectivity_approvals for one Effectivity
- ae67 Approval is effectivity_approvals for many Effectivity objects

4.1.7 Assembly

- ae68 Assembly

4.1.8 Associated_list

- ae69 Associated_list as Document_list
- ae70 Associated_list as Other_list
- ae71 Associated_list as Parts_list
- ae72 Associated_list has presentation of zero List_presentation
- ae73 Associated_list has presentation of one List_presentation
- ae74 Associated_list has related_to of zero drawing_or_product_data_set
- ae75 Associated_list has related_to of one drawing_or_product_data_set as Drawing
- ae76 Associated_list has related_to of one drawing_or_product_data_set as Product_data_set

4.1.9 Body_presentation

- ae77 Body_presentation
- ae78 Body_presentation has body_tabulation_presentation of one Tabulation
- ae79 Body_presentation has body_tabulation_presentation of many Tabulation objects
- ae80 Body_presentation is body_page1_format for one List_presentation
- ae81 Body_presentation is body_page1_format for many List_presentation objects
- ae82 Body_presentation is body_pagen_format for one List_presentation
- ae83 Body_presentation is body_pagen_format for many List_presentation objects

4.1.10 Change_identification

- ae84 Change_identification
- ae85 Change_identification with change_code not present

- ae86 Change_identification with change_code = change
- ae87 Change_identification with change_code = original
- ae88 Change_identification with change_code = original with change
- ae89 Change_identification with change_code = other
- ae90 Change_identification with change_code = revision
- ae91 Change_identification with change_code = revision with change
- ae92 Change_identification with change_description not present
- ae93 Change_identification with change_description
- ae94 Change_identification with change_level not present
- ae95 Change_identification with change_level
- ae96 Change_identification with issue_level not present
- ae97 Change_identification with issue_level
- ae98 Change_identification with revision_authorization_identities not present
- ae99 Change_identification with revision_authorization_identities of one Identifier
- ae100 Change_identification with revision_authorization_identities of many Identifier elements
- ae101 Change_identification with revision_description not present
- ae102 Change_identification with revision_description
- ae103 Change_identification with revision_level not present
- ae104 Change_identification with revision_level
- ae105 Change_identification has action_status of zero Status
- ae106 Change_identification has action_status of one Status
- ae107 Change_identification has change_date of zero Date
- ae108 Change_identification has change_date of one Date
- ae109 Change_identification has issue_date of zero Date
- ae110 Change_identification has issue_date of one Date
- ae111 Change_identification has revision_authorization_identities of one revision_authorization_select as Other_reference_document
- ae112 Change_identification has revision_authorization_identities of many revision_authorization_select as Other_reference_document objects
- ae113 Change_identification has revision_date of zero Date
- ae114 Change_identification has revision_date of one Date
- ae115 Change_identification is change for one Alternate_identification_of_item
- ae116 Change_identification is change for many Alternate_identification_of_item objects
- ae117 Change_identification is change_status for one Alternate_element_identification
- ae118 Change_identification is change_status for many Alternate_element_identification objects
- ae119 Change_identification is change_status for one Element_identification
- ae120 Change_identification is change_status for many Element_identification objects
- ae121 Change_identification is change_status for one File
- ae122 Change_identification is change_status for many File objects
- ae123 Change_identification is change for one Item_identification
- ae124 Change_identification is change for many Item_identification objects

4.1.11 Column_header

- ae125 Column_header
- ae126 Column_header has single_column_header_titles of one Field_title
- ae127 Column_header has single_column_header_titles of many Field_title objects
- ae128 Column_header is tabulation_columnar_headings for one Tabulation

ae129 Column_header is tabulation_columnar_headings for many Tabulation objects

4.1.12Columnar_data_content_holder

ae130 Columnar_data_content_holder

ae131 Columnar_data_content_holder with column_content_presentation

ae132 Columnar_data_content_holder is tabulation_columns for one Tabulation

ae133 Columnar_data_content_holder is tabulation_columns for many Tabulation objects

4.1.13Company

ae134 Company

ae135 Company with address not present

ae136 Company with address

ae137 Company with name

ae138 Company is code_administrator for one Company_code

ae139 Company is code_administrator for many Company_code objects

ae140 Company is code_administrator for one Element_type

ae141 Company is code_administrator for many Element_type objects

ae142 Company is code_administrator for one Item_type

ae143 Company is code_administrator for many Item_type objects

ae144 Company is design_activity_identification for one Design_authority

ae145 Company is design_activity_identification for many Design_authority objects

ae146 Company is organization for one Person_and_organization

ae147 Company is organization for many Person_and_organization objects

ae148 Company is release_authority for one Release_authentication

ae149 Company is release_authority for many Release_authentication objects

ae150 Company is target_company for one System_destination

ae151 Company is target_company for many System_destination objects

4.1.14Company_code

ae152 Company_code

ae153 Company_code with code

ae154 Company_code with type_of_code not present

ae155 Company_code with type_of_code

ae156 Company_code has code_administrator of zero Company

ae157 Company_code has code_administrator of one Company

ae158 Company_code is design_activity_code for one Design_authority

ae159 Company_code is design_activity_code for many Design_authority objects

ae160 Company_code is release_authority_code for one Release_authentication

ae161 Company_code is release_authority_code for many Release_authentication objects

ae162 Company_code is target_company_code for one System_destination

ae163 Company_code is target_company_code for many System_destination objects

4.1.15Configuration

ae164 Configuration

ae165 Configuration with data_usage_rights not present

ae166 Configuration with data_usage_rights
ae167 Configuration has distribution_authorizations of zero Distribution_notice
ae168 Configuration has distribution_authorizations of one Distribution_notice
ae169 Configuration has distribution_authorizations of many Distribution_notice objects
ae170 Configuration has end_item_system_designation of zero Product_configuration
ae171 Configuration has end_item_system_designation of one Product_configuration
ae172 Configuration has preparing_contracts of zero Contract
ae173 Configuration has preparing_contracts of one Contract
ae174 Configuration has preparing_contracts of many Contract objects
ae175 Configuration has release_authorizations of zero Release_authentication
ae176 Configuration has release_authorizations of one Release_authentication
ae177 Configuration has release_authorizations of many Release_authentication objects
ae178 Configuration has security_identifications of zero Security_classification
ae179 Configuration has security_identifications of one Security_classification
ae180 Configuration has security_identifications of many Security_classification objects
ae181 Configuration is data_configuration for one Header_configuration_with_element_identification
ae182 Configuration is data_configuration for many Header_configuration_with_element_identification objects
ae183 Configuration is entry_configuration for one Indentured_data_list_entry
ae184 Configuration is entry_configuration for many Indentured_data_list_entry objects
ae185 Configuration is item_configuration for one Item
ae186 Configuration is item_configuration for many Item objects
ae187 Configuration is sheet_configuration for one Sheet
ae188 Configuration is sheet_configuration for many Sheet objects

4.1.16 Contract

ae189 Contract
ae190 Contract with contract_number
ae191 Contract with contract_data_requirements_list not present
ae192 Contract with contract_data_requirements_list
ae193 Contract with data_item_description_identification not present
ae194 Contract with data_item_description_identification
ae195 Contract is delivered_contract for one Contract_submission
ae196 Contract is delivered_contract for many Contract_submission objects
ae197 Contract is preparing_contracts for one Configuration
ae198 Contract is preparing_contracts for many Configuration objects

4.1.17 Contract_submission

ae199 Contract_submission
ae200 Contract_submission with location
ae201 Contract_submission has date_of_submission of one Date
ae202 Contract_submission has delivered_contract of one Contract
ae203 Contract_submission is available_from for one Data_definition_entry_item
ae204 Contract_submission is available_from for many Data_definition_entry_item objects
ae205 Contract_submission is available_from for one Data_definition_entry_tdp_element
ae206 Contract_submission is available_from for many Data_definition_entry_tdp_element objects

- ae207 Contract_submission is available_from for one Data_list_entry
- ae208 Contract_submission is available_from for many Data_list_entry objects
- ae209 Contract_submission is available_from for one Indentured_data_list_entry
- ae210 Contract_submission is available_from for many Indentured_data_list_entry objects

4.1.18Data_definition_item

- ae211 Data_definition_entry_item
- ae212 Data_definition_entry_item with entry_item_change_level not present
- ae213 Data_definition_entry_item with entry_item_change_level of one element
- ae214 Data_definition_entry_item with entry_item_change_level of many elements
- ae215 Data_definition_entry_item has available_from of zero source_identification
- ae216 Data_definition_entry_item has available_from of one source_identification as Contract_submission
- ae217 Data_definition_entry_item has available_from of many source_identification as Contract_submission objects
- ae218 Data_definition_entry_item has available_from of one source_identification as Reference_document
- ae219 Data_definition_entry_item has available_from of many source_identification as Reference_document objects
- ae220 Data_definition_entry_item has delivery_accounting_references of zero Delivery_accounting
- ae221 Data_definition_entry_item has delivery_accounting_references of one Delivery_accounting
- ae222 Data_definition_entry_item has delivery_accounting_references of many Delivery_accounting objects
- ae223 Data_definition_entry_item has entry_files of zero data_definition_file_entry
- ae224 Data_definition_entry_item has entry_files of one data_definition_file_entry as Accessed_file
- ae225 Data_definition_entry_item has entry_files of many data_definition_file_entry as Accessed_file objects
- ae226 Data_definition_entry_item has entry_files of one data_definition_file_entry as Exchange_file
- ae227 Data_definition_entry_item has entry_files of many data_definition_file_entry as Exchange_file objects
- ae228 Data_definition_entry_item has entry_notes of zero Notation
- ae229 Data_definition_entry_item has entry_notes of one Notation
- ae230 Data_definition_entry_item has entry_notes of many Notation objects
- ae231 Data_definition_entry_item has special_conditions of zero Special_condition
- ae232 Data_definition_entry_item has special_conditions of one Special_condition
- ae233 Data_definition_entry_item has special_conditions of many Special_condition objects
- ae234 Data_definition_entry_item has superseded_entry of zero Element_identification
- ae235 Data_definition_entry_item has superseded_entry of one Element_identification
- ae236 Data_definition_entry_item has superseded_entry of many Element_identification objects
- ae237 Data_definition_entry_item is entry_characteristics for one Data_definition_indentured_entry
- ae238 Data_definition_entry_item is entry_characteristics for many Data_definition_indentured_entry objects

4.1.19Data_definition_tdp_element

- ae239 Data_definition_entry_tdp_element
- ae240 Data_definition_entry_tdp_element with actual_inclusion_in_data_exchange not present

- ae241 Data_definition_entry_tdp_element with actual_inclusion_in_data_exchange = already delivered
- ae242 Data_definition_entry_tdp_element with actual_inclusion_in_data_exchange = available for access
- ae243 Data_definition_entry_tdp_element with actual_inclusion_in_data_exchange = fully included
- ae244 Data_definition_entry_tdp_element with actual_inclusion_in_data_exchange = not deliverable
- ae245 Data_definition_entry_tdp_element with actual_inclusion_in_data_exchange = not delivered yet
- ae246 Data_definition_entry_tdp_element with actual_inclusion_in_data_exchange = not received
- ae247 Data_definition_entry_tdp_element with actual_inclusion_in_data_exchange = partially included
- ae248 Data_definition_entry_tdp_element with actual_inclusion_in_data_exchange = receipt accepted
- ae249 Data_definition_entry_tdp_element with actual_inclusion_in_data_exchange = receipt acknowledged
- ae250 Data_definition_entry_tdp_element with actual_inclusion_in_data_exchange = receipt partially rejected
- ae251 Data_definition_entry_tdp_element with actual_inclusion_in_data_exchange = receipt rejected
- ae252 Data_definition_entry_tdp_element with actual_inclusion_in_data_exchange = resubmission
- ae253 Data_definition_entry_tdp_element with data_usage_rights not present
- ae254 Data_definition_entry_tdp_element with data_usage_rights
- ae255 Data_definition_entry_tdp_element with entry_format not present
- ae256 Data_definition_entry_tdp_element with entry_format of one Text
- ae257 Data_definition_entry_tdp_element has entry_format of one entry_format_select as File_format
- ae258 Data_definition_entry_tdp_element with entry_item_change_level not present
- ae259 Data_definition_entry_tdp_element with entry_item_change_level of one element
- ae260 Data_definition_entry_tdp_element with entry_item_change_level of many elements
- ae261 Data_definition_entry_tdp_element with master_file not present
- ae262 Data_definition_entry_tdp_element with master_file = TRUE
- ae263 Data_definition_entry_tdp_element with master_file = FALSE
- ae264 Data_definition_entry_tdp_element with master_file = UNKNOWN
- ae265 Data_definition_entry_tdp_element has available_from of zero source_identification
- ae266 Data_definition_entry_tdp_element has available_from of one source_identification as Contract_submission
- ae267 Data_definition_entry_tdp_element has available_from of many source_identification as Contract_submission objects
- ae268 Data_definition_entry_tdp_element has available_from of one source_identification as Reference_document
- ae269 Data_definition_entry_tdp_element has available_from of many source_identification as Reference_document objects
- ae270 Data_definition_entry_tdp_element has delivery_accounting_references of zero Delivery_accounting
- ae271 Data_definition_entry_tdp_element has delivery_accounting_references of one Delivery_accounting
- ae272 Data_definition_entry_tdp_element has delivery_accounting_references of many Delivery_accounting objects

ae273 Data_definition_entry_tdp_element has entry_files of zero data_definition_file_entry
 ae274 Data_definition_entry_tdp_element has entry_files of one data_definition_file_entry as Accessed_file
 ae275 Data_definition_entry_tdp_element has entry_files of many data_definition_file_entry as Accessed_file objects
 ae276 Data_definition_entry_tdp_element has entry_files of one data_definition_file_entry as Exchange_file
 ae277 Data_definition_entry_tdp_element has entry_files of many data_definition_file_entry as Exchange_file objects
 ae278 Data_definition_entry_tdp_element has entry_notes of zero Notation
 ae279 Data_definition_entry_tdp_element has entry_notes of one Notation
 ae280 Data_definition_entry_tdp_element has entry_notes of many Notation objects
 ae281 Data_definition_entry_tdp_element has size of zero Size_characteristics
 ae282 Data_definition_entry_tdp_element has size of one Size_characteristics
 ae283 Data_definition_entry_tdp_element has special_conditions of zero Special_condition
 ae284 Data_definition_entry_tdp_element has special_conditions of one Special_condition
 ae285 Data_definition_entry_tdp_element has special_conditions of many Special_condition objects
 ae286 Data_definition_entry_tdp_element has superseded_entry of zero Element_identification
 ae287 Data_definition_entry_tdp_element has superseded_entry of one Element_identification
 ae288 Data_definition_entry_tdp_element has superseded_entry of many Element_identification objects
 ae289 Data_definition_entry_tdp_element is entry for one Data_definition_exchange_simple_entry
 ae290 Data_definition_entry_tdp_element is entry for many Data_definition_exchange_simple_entry objects
 ae291 Data_definition_entry_tdp_element is entry_characteristics for one Data_definition_indentured_entry
 ae292 Data_definition_entry_tdp_element is entry_characteristics for many Data_definition_indentured_entry objects

4.1.20 Data_definition_exchange

ae293 Data_definition_exchange
 ae294 Data_definition_exchange has list_body of one Data_definition_exchange_body
 ae295 Data_definition_exchange has list_header of one Data_definition_exchange_header
 ae296 Data_definition_exchange has presentation of zero List_presentation
 ae297 Data_definition_exchange has presentation of one List_presentation

4.1.21 Data_definition_exchange_body

ae298 Data_definition_exchange_body
 ae299 Data_definition_exchange_body has list_method of one data_definition_exchange_list_method as Data_definition_indentured_list_method
 ae300 Data_definition_exchange_body has list_method of one data_definition_exchange_list_method as Simple_list_of_elements
 ae301 Data_definition_exchange_body has list_method of one data_definition_exchange_list_method as Simple_list_of_files
 ae302 Data_definition_exchange_body has notes_list of zero Notation
 ae303 Data_definition_exchange_body has notes_list of one Notation
 ae304 Data_definition_exchange_body has notes_list of many Notation objects

- ae305 Data_definition_exchange_body has revision_history of zero Revision
- ae306 Data_definition_exchange_body has revision_history of one Revision
- ae307 Data_definition_exchange_body has revision_history of many Revision objects
- ae308 Data_definition_exchange_body is list_body for one Data_definition_exchange

4.1.22Data_definition_exchange_header

- ae309 Data_definition_exchange_header
- ae310 Data_definition_exchange_header has common_header of one Header
- ae311 Data_definition_exchange_header has date_of_transfer of zero Date
- ae312 Data_definition_exchange_header has date_of_transfer of one Date
- ae313 Data_definition_exchange_header has delivery_accounting_references of zero Delivery_accounting
- ae314 Data_definition_exchange_header has delivery_accounting_references of one Delivery_accounting
- ae315 Data_definition_exchange_header has delivery_accounting_references of many Delivery_accounting objects
- ae316 Data_definition_exchange_header has destinations of zero System_destination
- ae317 Data_definition_exchange_header has destinations of one System_destination
- ae318 Data_definition_exchange_header has destinations of many System_destination objects
- ae319 Data_definition_exchange_header has exchange_reason of one Reason
- ae320 Data_definition_exchange_header has procurement_references of zero identification_select
- ae321 Data_definition_exchange_header has procurement_references of one identification_select as Element_identification
- ae322 Data_definition_exchange_header has procurement_references of many identification_select as Element_identification objects
- ae323 Data_definition_exchange_header has procurement_references of one identification_select as Item_identification
- ae324 Data_definition_exchange_header has procurement_references of many identification_select as Item_identification objects
- ae325 Data_definition_exchange_header is list_header for one Data_definition_exchange

4.1.23Data_definition_exchange_simple_entry

- ae326 Data_definition_exchange_simple_entry
- ae327 Data_definition_exchange_simple_entry has entry of one Data_definition_entry_tdp_element
- ae328 Data_definition_exchange_simple_entry has simple_entry of one Element_identification
- ae329 Data_definition_exchange_simple_entry is element_entries for one Simple_list_of_elements
- ae330 Data_definition_exchange_simple_entry is element_entries for many Simple_list_of_elements objects

4.1.24Data_definition_indentured_entry

- ae331 Data_definition_indentured_entry
- ae332 Data_definition_indentured_entry with indenture_level not present
- ae333 Data_definition_indentured_entry with indenture_level
- ae334 Data_definition_indentured_entry has effective_on of zero Effectivity
- ae335 Data_definition_indentured_entry has effective_on of one Effectivity

ae336 Data_definition_indentured_entry has entry_characteristics of one
 Data_definition_entry_item
 ae337 Data_definition_indentured_entry has entry_characteristics of one
 Data_definition_entry_tdp_element
 ae338 Data_definition_indentured_entry has indentured_entry of one list_entry_select as
 Item_parent_to_item_child_relationship
 ae339 Data_definition_indentured_entry has indentured_entry of one list_entry_select as
 Item_parent_to_tdp_element_child_relationship
 ae340 Data_definition_indentured_entry has indentured_entry of one list_entry_select as
 Tdp_element_parent_to_item_child_relationship
 ae341 Data_definition_indentured_entry has indentured_entry of one list_entry_select as
 Tdp_element_parent_to_tdp_element_child_relationship
 ae342 Data_definition_indentured_entry has indentured_entry of one Tdp_indentured_item
 ae343 Data_definition_indentured_entry has indentured_entry of one Tdp_indentured_tdp_element
 ae344 Data_definition_indentured_entry is order_of for one
 Data_definition_indentured_list_method
 ae345 Data_definition_indentured_entry is order_of for many
 Data_definition_indentured_list_method objects

4.1.25Data_definition_indentured_list_method

ae346 Data_definition_indentured_list_method
 ae347 Data_definition_indentured_list_method has method_of_entry_tabulation of one
 Indentured_list_by_document
 ae348 Data_definition_indentured_list_method has method_of_entry_tabulation of one
 Indentured_list_by_part
 ae349 Data_definition_indentured_list_method has method_of_entry_tabulation of one
 Indentured_list_by_part_with_document_references_to_parts
 ae350 Data_definition_indentured_list_method has order_of of one
 Data_definition_indentured_entry
 ae351 Data_definition_indentured_list_method has order_of of many
 Data_definition_indentured_entry objects
 ae352 Data_definition_indentured_list_method is list_method for one
 Data_definition_exchange_body
 ae353 Data_definition_indentured_list_method is list_method for many
 Data_definition_exchange_body objects

4.1.26Data_list

ae354 Data_list
 ae355 Data_list has body of one Data_list_body
 ae356 Data_list has list_header of one Data_list_header

4.1.27Data_list_body

ae357 Data_list_body
 ae358 Data_list_body has data_list_notes of zero Notation
 ae359 Data_list_body has data_list_notes of one Notation
 ae360 Data_list_body has data_list_notes of many Notation objects

- ae361 Data_list_body has data_list_tabulations of one Data_list_tabulation
- ae362 Data_list_body has data_list_tabulations of many Data_list_tabulation objects
- ae363 Data_list_body has revision_history of zero Revision
- ae364 Data_list_body has revision_history of one Revision
- ae365 Data_list_body has revision_history of many Revision objects
- ae366 Data_list_body is body for one Data_list

4.1.28Data_list_entry

- ae367 Data_list_entry
- ae368 Data_list_entry with entry_item_change_level not present
- ae369 Data_list_entry with entry_item_change_level
- ae370 Data_list_entry has available_from of zero source_identification
- ae371 Data_list_entry has available_from of one source_identification as Contact_submision
- ae372 Data_list_entry has available_from of many source_identification as Contact_submision objects
- ae373 Data_list_entry has available_from of one source_identification as Reference_document
- ae374 Data_list_entry has available_from of many source_identification as Reference_document objects
- ae375 Data_list_entry has entry_notes of zero Notation
- ae376 Data_list_entry has entry_notes of one Notation
- ae377 Data_list_entry has entry_notes of many Notation objects
- ae378 Data_list_entry has list_entry of one valid_tdp_elements_for_data_list as Header
- ae379 Data_list_entry has list_entry of one valid_tdp_elements_for_data_list as Reference_document
- ae380 Data_list_entry has list_entry of one valid_tdp_elements_for_data_list as Sheet
- ae381 Data_list_entry has special_conditions of zero Special_condition
- ae382 Data_list_entry has special_conditions of one Special_condition
- ae383 Data_list_entry has special_conditions of many Special_condition objects
- ae384 Data_list_entry is data_list_entries for one Data_list_tabulation
- ae385 Data_list_entry is data_list_entries for many Data_list_tabulation objects

4.1.29Data_list_header

- ae386 Data_list_header
- ae387 Data_list_header has common_header of one Header
- ae388 Data_list_header is list_header for one Data_list

4.1.30Data_list_tabulation

- ae389 Data_list_tabulation
- ae390 Data_list_tabulation has data_list_entries of zero Data_list_entry
- ae391 Data_list_tabulation has data_list_entries of one Data_list_entry
- ae392 Data_list_tabulation has data_list_entries of many Data_list_entry objects
- ae393 Data_list_tabulation has for_item of zero Item_identification
- ae394 Data_list_tabulation has for_item of one Item_identification
- ae395 Data_list_tabulation is data_list_tabulations for one Data_list_body
- ae396 Data_list_tabulation is data_list_tabulations for many Data_list_body objects

4.1.31 Date

ae397 Date
 ae398 Date with day not present
 ae399 Date with day
 ae400 Date with month not present
 ae401 Date with month
 ae402 Date with week not present
 ae403 Date with week
 ae404 Date with year
 ae405 Date has specific_time of zero Time
 ae406 Date has specific_time of one Time
 ae407 Date is approval_date for one Approval
 ae408 Date is approval_date for many Approval objects
 ae409 Date is change_date for one Change_identification
 ae410 Date is change_date for many Change_identification objects
 ae411 Date is classification_date for one Security_classification
 ae412 Date is classification_date for many Security_classification objects
 ae413 Date is date_of_submission for one Contract_submission
 ae414 Date is date_of_submission for many Contract_submission objects
 ae415 Date is declassification_date for one Security_classification
 ae416 Date is declassification_date for many Security_classification objects
 ae417 Date is end_date for one Date_effectivity
 ae418 Date is end_date for many Date_effectivity objects
 ae419 Date is issue_date for one Change_identification
 ae420 Date is issue_date for many Change_identification objects
 ae421 Date is release_date for one File_format
 ae422 Date is release_date for many File_format objects
 ae423 Date is release_date for one Release_authentication
 ae424 Date is release_date for many Release_authentication objects
 ae425 Date is revision_date for one Change_identification
 ae426 Date is revision_date for many Change_identification objects
 ae427 Date is revision_date for one Revision
 ae428 Date is revision_date for many Revision objects
 ae429 Date is start_date for one Date_effectivity
 ae430 Date is start_date for many Date_effectivity objects

4.1.32 Date_effectivity

ae431 Date_effectivity
 ae432 Date_effectivity has end_date of zero Date
 ae433 Date_effectivity has end_date of one Date
 ae434 Date_effectivity has start_date of one Date

4.1.33 Delivery_accounting

ae435 Delivery_accounting
 ae436 Delivery_accounting with reference_identification
 ae437 Delivery_accounting with reference_identification_description

- ae438 Delivery_accounting is delivery_accounting_references for one Data_definition_entry_item
- ae439 Delivery_accounting is delivery_accounting_references for many Data_definition_entry_item objects
- ae440 Delivery_accounting is delivery_accounting_references for one Data_definition_entry_tdp_element
- ae441 Delivery_accounting is delivery_accounting_references for many Data_definition_entry_tdp_element objects
- ae442 Delivery_accounting is delivery_accounting_references for one Data_definition_exchange_header
- ae443 Delivery_accounting is delivery_accounting_references for many Data_definition_exchange_header objects

4.1.34Design_authority

- ae444 Design_authority
- ae4441 Design_authority with role not present
- ae4442 Design_authority with role
- ae445 Design_authority has design_activity_identification of one Company
- ae446 Design_authority has design_activity_code of zero Company_code
- ae447 Design_authority has design_activity_code of one Company_code
- ae448 Design_authority has person_responsible of zero Person
- ae449 Design_authority has person_responsible of one Person
- ae450 Design_authority is design_activity for one Alternate_element_identification
- ae451 Design_authority is design_activity for many Alternate_element_identification objects
- ae452 Design_authority is design_activity for one Alternate_identification_of_item
- ae453 Design_authority is design_activity for many Alternate_identification_of_item objects
- ae454 Design_authority is design_activity for one Element_identification
- ae455 Design_authority is design_activity for many Element_identification objects
- ae456 Design_authority is design_activity for one Item_identification
- ae457 Design_authority is design_activity for many Item_identification objects

4.1.35Distribution_notice

- ae458 Distribution_notice
- ae459 Distribution_notice with distribution_code not present
- ae460 Distribution_notice with distribution_code
- ae461 Distribution_notice with distribution_statement not present
- ae462 Distribution_notice with distribution_statement
- ae463 Distribution_notice has distribution_authority of zero Person_and_organization
- ae464 Distribution_notice has distribution_authority of one Person_and_organization
- ae465 Distribution_notice is distribution_authorizations for one Configuration
- ae466 Distribution_notice is distribution_authorizations for many Configuration objects
- ae467 Distribution_notice is distribution_authorizations for one File
- ae468 Distribution_notice is distribution_authorizations for many File objects

4.1.36Document_list

- ae469 Document_list as Indentured_data_list
- ae470 Document_list as Single_document_list

4.1.37 Document_usage_parameter

- ae471 Document_usage_parameter
- ae472 Document_usage_parameter with subject
- ae473 Document_usage_parameter with value
- ae474 Document_usage_parameter is usage_parameter for one Reference_document_usage
- ae475 Document_usage_parameter is usage_parameter for many Reference_document_usage objects

4.1.38 Drawing

- ae476 Drawing
- ae477 Drawing has heading of one Header
- ae478 Drawing has pages of one Sheet
- ae479 Drawing has pages of many Sheet objects
- ae480 Drawing is related for one Product_data_set
- ae481 Drawing is related for many Product_data_set objects

4.1.39 Drawing_suffix_number_combination

- ae482 Drawing_suffix_number_combination
- ae483 Drawing_suffix_number_combination with suffix_identifier
- ae484 Drawing_suffix_number_combination has drawing_number of one Element_identification
- ae485 Drawing_suffix_number_combination is identifying_number for one Alternate_identification_of_item
- ae486 Drawing_suffix_number_combination is identifying_number for many Alternate_identification_of_item objects
- ae487 Drawing_suffix_number_combination is identifying_number for one Item_identification
- ae488 Drawing_suffix_number_combination is identifying_number for many Item_identification objects

4.1.40 Effectivity

- ae489 Effectivity
- ae490 Effectivity as Date_effectivity
- ae491 Effectivity as Lot_effectivity
- ae492 Effectivity as Sequence_effectivity
- ae493 Effectivity with description not present
- ae494 Effectivity with description
- ae495 Effectivity has effectivity_approvals of zero Approval
- ae496 Effectivity has effectivity_approvals of one Approval
- ae497 Effectivity has effectivity_approvals of many Approval objects
- ae498 Effectivity has product of one Product_configuration
- ae499 Effectivity is effective_on for one Indentured_data_list_entry
- ae500 Effectivity is effective_on for many Indentured_data_list_entry objects
- ae501 Effectivity is effective_on for one Item_usage
- ae502 Effectivity is effective_on for many Item_usage objects

4.1.41 Element_identification

- ae503 Element_identification
- ae504 Element_identification with identifying_number
- ae505 Element_identification with title not present
- ae506 Element_identification with title
- ae5061 Element_identification has alternate_identities of zero Alternate_element_identification
- ae5062 Element_identification has alternate_identities of one Alternate_element_identification
- ae5063 Element_identification has alternate_identities of many Alternate_element_identification objects
- ae507 Element_identification has change_status of zero Change_identification
- ae508 Element_identification has change_status of one Change_identification
- ae509 Element_identification has design_activities of one Design_authority
- ae5091 Element_identification has design_activities of many Design_authority objects
- ae510 Element_identification has element_classifications of zero Element_type
- ae511 Element_identification has element_classifications of one Element_type
- ae512 Element_identification has element_classifications of many Element_type objects
- ae513 Element_identification has outstanding_changes of zero Other_reference_document
- ae514 Element_identification has outstanding_changes of one Other_reference_document
- ae515 Element_identification has outstanding_changes of many Other_reference_document objects
- ae516 Element_identification is child for one Item_parent_to_tdp_element_child_relationship
- ae517 Element_identification is child for many Item_parent_to_tdp_element_child_relationship objects
- ae518 Element_identification is child for one Tdp_element_parent_to_tdp_element_child_relationship
- ae519 Element_identification is child for many Tdp_element_parent_to_tdp_element_child_relationship objects
- ae520 Element_identification is document_identification for one Reference_document
- ae521 Element_identification is document_identification for many Reference_document objects
- ae522 Element_identification is drawing_number for one Drawing_suffix_number_combination
- ae523 Element_identification is drawing_number for many Drawing_suffix_number_combination objects
- ae524 Element_identification is drawing_number for one Item_list_drawing
- ae525 Element_identification is drawing_number for many Item_list_drawing objects
- ae526 Element_identification is identification for one Header_configuration_with_element_identification
- ae527 Element_identification is identification for many Header_configuration_with_element_identification objects
- ae528 Element_identification is parent for one Tdp_element_parent_to_item_child_relationship
- ae529 Element_identification is parent for many Tdp_element_parent_to_item_child_relationship objects
- ae530 Element_identification is parent for one Tdp_element_parent_to_tdp_element_child_relationship
- ae531 Element_identification is parent for many Tdp_element_parent_to_tdp_element_child_relationship objects
- ae532 Element_identification is procurement_references for one Data_definition_exchange_header
- ae533 Element_identification is procurement_references for many Data_definition_exchange_header objects
- ae534 Element_identification is procurement_references for one Indentured_data_list_header

- ae535 Element_identification is procurement_references for many Indentured_data_list_header objects
- ae536 Element_identification is referenced_document_in_note for one Notation
- ae537 Element_identification is referenced_document_in_note for many Notation objects
- ae538 Element_identification is sheet_identifier for one Sheet
- ae539 Element_identification is sheet_identifier for many Sheet objects
- ae540 Element_identification is simple_entry for one Data_definition_exchange_simple_entry
- ae541 Element_identification is simple_entry for many Data_definition_exchange_simple_entry objects
- ae542 Element_identification is standardization_documents_list for one Indentured_data_list_body
- ae543 Element_identification is standardization_documents_list for many Indentured_data_list_body objects
- ae544 Element_identification is superseded_entry for one Indentured_data_list_entry
- ae545 Element_identification is superseded_entry for many Indentured_data_list_entry objects
- ae546 Element_identification is tdp_element_item for one Tdp_element_list_item
- ae547 Element_identification is tdp_element_item for many Tdp_element_list_item objects
- ae548 Element_identification is tdp_indenture for one Tdp_indentured_tdp_element
- ae549 Element_identification is tdp_indenture for many Tdp_indentured_tdp_element objects

4.1.42Element_type

- ae550 Element_type
- ae551 Element_type with element_code
- ae552 Element_type with type_of_coding_scheme not present
- ae553 Element_type with type_of_coding_scheme
- ae554 Element_type has code_administrator of zero Company
- ae555 Element_type has code_administrator of one Company
- ae556 Element_type is element_classifications for one Alternate_element_identification
- ae557 Element_type is element_classifications for many Alternate_element_identification objects
- ae558 Element_type is element_classifications for one Element_identification
- ae559 Element_type is element_classifications for many Element_identification objects

4.1.43Exchange_file

- ae560 Exchange_file
- ae561 Exchange_file with included_in_exchange = already delivered
- ae562 Exchange_file with included_in_exchange = available for access
- ae563 Exchange_file with included_in_exchange = fully included
- ae564 Exchange_file with included_in_exchange = not deliverable
- ae565 Exchange_file with included_in_exchange = not delivered yet
- ae566 Exchange_file with included_in_exchange = not received
- ae567 Exchange_file with included_in_exchange = partially included
- ae568 Exchange_file with included_in_exchange = receipt accepted
- ae569 Exchange_file with included_in_exchange = receipt acknowledged
- ae570 Exchange_file with included_in_exchange = receipt partially rejected
- ae571 Exchange_file with included_in_exchange = receipt rejected
- ae572 Exchange_file with included_in_exchange = resubmission
- ae573 Exchange_file has destination_system of zero System_declaration
- ae574 Exchange_file has destination_system of one System_declaration

- ae575 Exchange_file is entry_files for one Data_definition_entry_item
- ae576 Exchange_file is entry_files for many Data_definition_entry_item objects
- ae577 Exchange_file is entry_files for one Data_definition_entry_tdp_element
- ae578 Exchange_file is entry_files for many Data_definition_entry_tdp_element objects
- ae579 Exchange_file is file_entries for one Simple_list_of_files
- ae580 Exchange_file is file_entries for many Simple_list_of_files objects

4.1.44 Explicit_graphics

- ae581 Explicit_graphics
- ae582 Explicit_graphics has table_geometry of one Geometry
- ae583 Explicit_graphics is graphics_declaration for one Page_parameters
- ae584 Explicit_graphics is graphics_declaration for many Page_parameters objects

4.1.45 External_graphics_file

- ae585 External_graphics_file
- ae586 External_graphics_file with file_loadpoint_x
- ae587 External_graphics_file with file_loadpoint_y
- ae588 External_graphics_file has file_id of one File
- ae589 External_graphics_file is graphics_declaration for one Page_parameters
- ae590 External_graphics_file is graphics_declaration for many Page_parameters objects

4.1.46 Field_content_holder

- ae591 Field_content_holder as Field_content_holder_singular
- ae592 Field_content_holder as Field_content_holder_tabulation
- ae593 Field_content_holder with field_justification
- ae594 Field_content_holder with text_style
- ae595 Field_content_holder has location of one Field_location

4.1.47 Field_content_holder_singular

- ae596 Field_content_holder_singular
- ae597 Field_content_holder_singular with field_text
- ae598 Field_content_holder_singular is single_block_content_presentation for one Header_block
- ae599 Field_content_holder_singular is single_block_content_presentation for many Header_block objects

4.1.48 Field_content_holder_tabulation

- ae600 Field_content_holder_tabulation
- ae601 Field_content_holder_tabulation with one field_text
- ae602 Field_content_holder_tabulation with many field_text elements
- ae603 Field_content_holder_tabulation is group_parent_content_presentation for one Group_parent_content_holder
- ae604 Field_content_holder_tabulation is group_parent_content_presentation for many Group_parent_content_holder objects

4.1.49 Field_location

- ae605 Field_location
- ae606 Field_location is location for one Field_content_holder
- ae607 Field_location is location for many Field_content_holder objects
- ae608 Field_location is location for one Field_title
- ae609 Field_location is location for many Field_title objects

4.1.50 Field_location_definition

- ae610 Field_location_definition
- ae611 Field_location_definition has field_load_point of one Load_point

4.1.51 Field_title

- ae612 Field_title
- ae613 Field_title with field_justification
- ae614 Field_title with field_style
- ae615 Field_title with field_text
- ae616 Field_title has location of one Field_location
- ae617 Field_title is single_block_titles for one Header_block
- ae618 Field_title is single_block_titles for many Header_block objects
- ae619 Field_title is single_column_header_titles for one Column_header
- ae620 Field_title is single_column_header_titles for many Column_header objects
- ae621 Field_title is single_group_parent_column_header_titles for one Group_parent_column_header
- ae622 Field_title is single_group_parent_column_header_titles for many Group_parent_column_header objects
- ae623 Field_title is single_group_parent_header_titles for one Group_parent_header
- ae624 Field_title is single_group_parent_header_titles for many Group_parent_header objects
- ae625 Field_title is single_tabulation_header_titles for one Tabulation_header
- ae626 Field_title is single_tabulation_header_titles for many Tabulation_header objects

4.1.52 File

- ae627 File
- ae628 File as Accessed_file
- ae629 File as Exchange_file
- ae630 File as Source_file
- ae631 File with context_file_name not present
- ae632 File with context_file_name
- ae633 File with native_format_file_name not present
- ae634 File with native_format_file_name
- ae635 File has change_status of zero Change_identification
- ae636 File has change_status of one Change_identification
- ae637 File has context_file_format of zero File_format
- ae638 File has context_file_format of one File_format
- ae639 File has distribution_authorizations of zero Distribution_notice
- ae640 File has distribution_authorizations of one Distribution_notice

ae641 File has distribution_authorizations of many Distribution_notice objects
ae642 File has security_identifications of zero Security_classification
ae643 File has security_identifications of one Security_classification
ae644 File has security_identifications of many Security_classification objects
ae645 File has size of zero Size_characteristics
ae646 File has size of one Size_characteristics
ae647 File has source_system of zero System_declaration
ae648 File has source_system of one System_declaration
ae649 File is file_id for one External_graphics_file
ae650 File is file_id for many External_graphics_file objects

4.1.53File_format

ae651 File_format
ae652 File_format with change_level not present
ae653 File_format with change_level
ae654 File_format with format_code not present
ae655 File_format with format_code
ae656 File_format with format_standard not present
ae657 File_format with format_standard
ae658 File_format with revision_level not present
ae659 File_format with revision_level
ae660 File_format has release_date of zero Date
ae661 File_format has release_date of one Date
ae662 File_format is context_file_format for one File
ae663 File_format is context_file_format for many File objects
ae664 File_format is entry_format for one Data_definition_entry_tdp_element
ae665 File_format is entry_format for many Data_definition_entry_tdp_element objects

4.1.54Foreign_defined_item

ae666 Foreign_defined_item

4.1.55Geometry

ae667 Geometry
ae668 Geometry is annotation_geometry for one Annotation
ae669 Geometry is annotation_geometry for many Annotation objects
ae670 Geometry is table_geometry for one Explicit_graphics
ae671 Geometry is table_geometry for many Explicit_graphics objects
ae672 Geometry is part_shape_representation for one Shape_model
ae673 Geometry is part_shape_representation for many Shape_model objects

4.1.56Group_parent_column_header

ae674 Group_parent_column_header
ae675 Group_parent_column_header has single_group_parent_column_header_titles of one Field_title

- ae676 Group_parent_column_header has single_group_parent_column_header_titles of many Field_title objects
- ae677 Group_parent_column_header is tabulation_group_parent_headings for one Tabulation
- ae678 Group_parent_column_header is tabulation_group_parent_headings for many Tabulation objects

4.1.57 Group_parent_content_holder

- ae679 Group_parent_content_holder
- ae680 Group_parent_content_holder has group_parent_content_presentation of one Field_content_holder_tabulation
- ae681 Group_parent_content_holder is parent_columns for one Tabulation
- ae682 Group_parent_content_holder is parent_columns for many Tabulation objects

4.1.58 Group_parent_header

- ae683 Group_parent_header
- ae684 Group_parent_header has single_group_parent_header_titles of one Field_title
- ae685 Group_parent_header has single_group_parent_header_titles of many Field_title objects
- ae686 Group_parent_header is group_parent_headings for one Tabulation
- ae687 Group_parent_header is group_parent_headings for many Tabulation objects

4.1.59 Header

- ae688 Header
- ae689 Header with document_abstract not present
- ae690 Header with document_abstract
- ae691 Header with document_keywords not present
- ae692 Header with document_keywords of one element
- ae693 Header with document_keywords of many elements
- ae694 Header with languages not present
- ae695 Header with languages of one element
- ae696 Header with languages of many elements
- ae697 Header with sheet_count not present
- ae698 Header with sheet_count
- ae699 Header has header_configuration of one Header_configuration_with_element_identification
- ae700 Header has size_of_sheet of zero Size_characteristics_full_size
- ae701 Header has size_of_sheet of one Size_characteristics_full_size
- ae702 Header is common_header for one Data_definition_exchange_header
- ae703 Header is common_header for one Data_list_header
- ae704 Header is common_header for one Indentured_data_list_header
- ae705 Header is common_header for one Parts_list_header
- ae706 Header is heading for one Drawing
- ae707 Header is list_entry for one Data_list_entry
- ae708 Header is list_entry for many Data_list_entry objects
- ae709 Header is list_entry for one Index_list_entry
- ae710 Header is list_entry for many Index_list_entry objects
- ae711 Header is product_header for one Product_data_set_with_format

4.1.60 Header_block

- ae712 Header_block
- ae713 Header_block has single_block_content_presentation of zero Field_content_holder_singular
- ae714 Header_block has single_block_content_presentation of one Field_content_holder_singular
- ae715 Header_block has single_block_content_presentation of many Field_content_holder_singular objects
- ae716 Header_block has single_block_titles of zero Field_title
- ae717 Header_block has single_block_titles of one Field_title
- ae718 Header_block has single_block_titles of many Field_title objects
- ae719 Header_block is header_blocks_presentation for one Header_presentation
- ae720 Header_block is header_blocks_presentation for many Header_presentation objects

4.1.61 Header_configuration_with_element_identification

- ae721 Header_configuration_with_element_identification
- ae7220 Header_configuration_with_element_identification has data_configuration of zero Configuration
- ae722 Header_configuration_with_element_identification has data_configuration of one Configuration
- ae723 Header_configuration_with_element_identification has identification of one Element_identification
- ae724 Header_configuration_with_element_identification is data_configuration for one Product_data_set_with_shading
- ae725 Header_configuration_with_element_identification is data_configuration for one Product_data_set_without_format
- ae726 Header_configuration_with_element_identification is header_configuration for one Header

4.1.62 Header_presentation

- ae727 Header_presentation
- ae728 Header_presentation has header_blocks_presentation of one Header_block
- ae729 Header_presentation has header_blocks_presentation of many Header_block objects
- ae730 Header_presentation has header_tabulation_presentation of zero Tabulation
- ae731 Header_presentation has header_tabulation_presentation of one Tabulation
- ae732 Header_presentation has header_tabulation_presentation of many Tabulation objects
- ae733 Header_presentation is header_page1_format for one List_presentation
- ae734 Header_presentation is header_page1_format for many List_presentation objects
- ae735 Header_presentation is header_pagen_format for one List_presentation
- ae736 Header_presentation is header_pagen_format for many List_presentation objects

4.1.63 Indentured_data_list

- ae737 Indentured_data_list
- ae738 Indentured_data_list has body of one Indentured_data_list_body
- ae739 Indentured_data_list has header of one Indentured_data_list_header

4.1.64 Indentured_data_list_body

ae740 Indentured_data_list_body
 ae741 Indentured_data_list_body has indentured_tabulation of one Indentured_data_list_tabulation
 ae742 Indentured_data_list_body has notes_list of zero Notation
 ae743 Indentured_data_list_body has notes_list of one Notation
 ae744 Indentured_data_list_body has notes_list of many Notation objects
 ae745 Indentured_data_list_body has revision_history of zero Revision
 ae746 Indentured_data_list_body has revision_history of one Revision
 ae747 Indentured_data_list_body has revision_history of many Revision objects
 ae748 Indentured_data_list_body has standardization_documents_list of zero Element_identification
 ae749 Indentured_data_list_body has standardization_documents_list of one Element_identification
 ae750 Indentured_data_list_body has standardization_documents_list of many
Element_identification objects
 ae751 Indentured_data_list_body is body for one Indentured_data_list

4.1.65 Indentured_data_list_entry

ae752 Indentured_data_list_entry
 ae753 Indentured_data_list_entry with entry_item_change_level not present
 ae754 Indentured_data_list_entry with entry_item_change_level
 ae755 Indentured_data_list_entry with indenture_level not present
 ae756 Indentured_data_list_entry with indenture_level
 ae757 Indentured_data_list_entry has available_from of zero source_identification
 ae758 Indentured_data_list_entry has available_from of one source_identification as
Contract_submission
 ae759 Indentured_data_list_entry has available_from of many source_identification as
Contract_submission objects
 ae760 Indentured_data_list_entry has available_from of one source_identification as
Reference_document
 ae761 Indentured_data_list_entry has available_from of many source_identification as
Reference_document objects
 ae762 Indentured_data_list_entry has effective_on of zero Effectivity
 ae763 Indentured_data_list_entry has effective_on of one Effectivity
 ae764 Indentured_data_list_entry has entry of one list_entry_select as
Item_parent_to_item_child_relationship
 ae765 Indentured_data_list_entry has entry of one list_entry_select as
Item_parent_to_tdp_element_child_relationship
 ae766 Indentured_data_list_entry has entry of one list_entry_select as
Tdp_element_parent_to_item_child_relationship
 ae767 Indentured_data_list_entry has entry of one list_entry_select as
Tdp_element_parent_to_tdp_element_child_relationship
 ae7671 Indentured_data_list_entry has entry of one list_entry_select as Tdp_indentured_item
 ae7672 Indentured_data_list_entry has entry of one list_entry_select as Tdp_indentured_tdp_element
 ae768 Indentured_data_list_entry has entry_configuration of zero Configuration
 ae769 Indentured_data_list_entry has entry_configuration of one Configuration
 ae770 Indentured_data_list_entry has entry_notes of zero Notation
 ae771 Indentured_data_list_entry has entry_notes of one Notation
 ae772 Indentured_data_list_entry has entry_notes of many Notation objects

ae7721 Indentured_data_list_entry has retrofit of zero Retrofit_usage
ae7722 Indentured_data_list_entry has retrofit of one Retrofit_usage
ae773 Indentured_data_list_entry has special_conditions of zero Special_condition
ae774 Indentured_data_list_entry has special_conditions of one Special_condition
ae775 Indentured_data_list_entry has special_conditions of many Special_condition objects
ae776 Indentured_data_list_entry has superseded_entry of zero Element_identification
ae777 Indentured_data_list_entry has superseded_entry of one Element_identification
ae778 Indentured_data_list_entry is tabulation_of_entries for one Indentured_data_list_tabulation
ae779 Indentured_data_list_entry is tabulation_of_entries for many Indentured_data_list_tabulation objects

4.1.66 Indentured_data_list_header

ae780 Indentured_data_list_header
ae781 Indentured_data_list_header has common_header of one Header
ae782 Indentured_data_list_header has procurement_references of zero identification_select
ae783 Indentured_data_list_header has procurement_references of one identification_select as Element_identification
ae784 Indentured_data_list_header has procurement_references of many identification_select as Element_identification objects
ae785 Indentured_data_list_header has procurement_references of one identification_select as Item_identification
ae786 Indentured_data_list_header has procurement_references of many identification_select as Item_identification objects
ae787 Indentured_data_list_header is header for one Indentured_data_list

4.1.67 Indentured_data_list_tabulation

ae788 Indentured_data_list_tabulation
ae789 Indentured_data_list_tabulation has method_of_entry_tabulation of one indentured_list_method as Indentured_list_by_document
ae790 Indentured_data_list_tabulation has method_of_entry_tabulation of one indentured_list_method as Indentured_list_by_part
ae791 Indentured_data_list_tabulation has method_of_entry_tabulation of one indentured_list_method as Indentured_list_by_part_with_document_references_to_parts
ae792 Indentured_data_list_tabulation has tabulation_of_entries of one Indentured_data_list_entry
ae793 Indentured_data_list_tabulation has tabulation_of_entries of many Indentured_data_list_entry objects
ae794 Indentured_data_list_tabulation is indentured_tabulation for one Indentured_data_list_body

4.1.68 Indentured_list_by_document

ae795 Indentured_list_by_document
ae796 Indentured_list_by_document has tdp_indentured_tdp_elements of one Tdp_indentured_tdp_element
ae797 Indentured_list_by_document has tdp_indentured_tdp_elements of many Tdp_indentured_tdp_element objects
ae798 Indentured_list_by_document is method_of_entry_tabulation for one Indentured_data_list_tabulation

ae799 Indentured_list_by_document is method_of_entry_tabulation for many
Indentured_data_list_tabulation objects

4.1.69 Indentured_list_by_part

ae800 Indentured_list_by_part
ae801 Indentured_list_by_part has tdp_indentured_items of one Tdp_indentured_item
ae802 Indentured_list_by_part has tdp_indentured_items of many Tdp_indentured_item objects
ae803 Indentured_list_by_part is method_of_entry_tabulation for one
Indentured_data_list_tabulation
ae804 Indentured_list_by_part is method_of_entry_tabulation for many
Indentured_data_list_tabulation objects

4.1.70 Indentured_list_by_part_with_document_references_to_parts

ae805 Indentured_list_by_part_with_document_references_to_parts
ae806 Indentured_list_by_part_with_document_references_to_parts has tdp_indentured of one
item_or_element as Tdp_indentured_item
ae807 Indentured_list_by_part_with_document_references_to_parts has tdp_indentured of many
item_or_element as Tdp_indentured_item objects
ae808 Indentured_list_by_part_with_document_references_to_parts has tdp_indentured of one
item_or_element as Tdp_indentured_tdp_element
ae809 Indentured_list_by_part_with_document_references_to_parts has tdp_indentured of many
item_or_element as Tdp_indentured_tdp_element objects
ae810 Indentured_list_by_part_with_document_references_to_parts is method_of_entry_tabulation
for one Indentured_data_list_tabulation
ae811 Indentured_list_by_part_with_document_references_to_parts is method_of_entry_tabulation
for many Indentured_data_list_tabulation objects

4.1.71 Index_list

ae812 Index_list
ae813 Index_list has body of one Index_list_body
ae814 Index_list has list_header of one Index_list_header

4.1.72 Index_list_body

ae815 Index_list_body
ae816 Index_list_body has index_list_entries of one Index_list_entry
ae817 Index_list_body has index_list_entries of many Index_list_entry objects
ae818 Index_list_body has list_notes of zero Notation
ae819 Index_list_body has list_notes of one Notation
ae820 Index_list_body has list_notes of many Notation objects
ae821 Index_list_body has revision_history of zero Revision
ae822 Index_list_body has revision_history of one Revision
ae823 Index_list_body has revision_history of many Revision objects
ae824 Index_list_body is body for one Index_list

4.1.73Index_list_entry

- ae825 Index_list_entry
- ae826 Index_list_entry with entry_item_change_level not present
- ae827 Index_list_entry with entry_item_change_level
- ae828 Index_list_entry has entry_notes of zero Notation
- ae829 Index_list_entry has entry_notes of one Notation
- ae830 Index_list_entry has entry_notes of many Notation objects
- ae831 Index_list_entry has list_entry of one Header
- ae832 Index_list_entry is index_list_entries for one Index_list_body
- ae833 Index_list_entry is index_list_entries for many Index_list_body objects

4.1.74Index_list_header

- ae834 Index_list_header
- ae835 Index_list_header has common_header of one Header
- ae836 Index_list_header is list_header for one Index_list

4.1.75Item

- ae837 Item
- ae838 Item with item_contexts not present
- ae839 Item with item_contexts of one Label
- ae840 Item with item_contexts of many Label elements
- ae841 Item has alternates of zero Alternate_item
- ae842 Item has alternates of one Alternate_item
- ae843 Item has alternates of many Alternate_item objects
- ae844 Item has conditions_defined_through_constrained_document of zero Reference_document_usage
- ae845 Item has conditions_defined_through_constrained_document of one Reference_document_usage
- ae846 Item has conditions_defined_through_constrained_document of many Reference_document_usage objects
- ae847 Item has conditions_defined_through_simple_reference of zero Reference_document
- ae848 Item has conditions_defined_through_simple_reference of one Reference_document
- ae849 Item has conditions_defined_through_simple_reference of many Reference_document objects
- ae850 Item has identification of one Item_identification
- ae851 Item has item_configuration of zero Configuration
- ae852 Item has item_configuration of one Configuration
- ae853 Item has item_weight of zero Weight
- ae854 Item has item_weight of one Weight
- ae855 Item has notes of zero Notation
- ae856 Item has notes of one Notation
- ae857 Item has notes of many Notation objects
- ae858 Item has special_conditions of zero Special_condition
- ae859 Item has special_conditions of one Special_condition
- ae860 Item has special_conditions of many Special_condition objects
- ae861 Item is being_defined_for for one Item_usage

- ae862 Item is being_defined_for for many Item_usage objects
- ae8621 Item is interchange_item for one Alternate_item
- ae8622 Item is interchange_item for many Alternate_item objects
- ae863 Item is item_that_is_acting_as_stock for one Make_from_an_item
- ae864 Item is item_that_is_acting_as_stock for many Make_from_an_item objects
- ae865 Item is material for one Stock_material
- ae866 Item is material for many Stock_material objects
- ae867 Item is related_item for one Tdp_element_and_item_association
- ae868 Item is related_item for many Tdp_element_and_item_association objects

4.1.76Item_identification

- ae869 Item_identification
- ae870 Item_identification with identifying_number of one Identifier
- ae871 Item_identification has identifying_number of one item_identifying_number_select as Drawing_suffix_number_combination
- ae872 Item_identification with nomenclature_or_name not present
- ae873 Item_identification with nomenclature_or_name
- ae874 Item_identification has alternate_identifications of zero Alternate_identification_of_item
- ae875 Item_identification has alternate_identifications of one Alternate_identification_of_item
- ae876 Item_identification has alternate_identifications of many Alternate_identification_of_item objects
- ae877 Item_identification has change of zero Change_identification
- ae878 Item_identification has change of one Change_identification
- ae879 Item_identification has classifications of zero Item_type
- ae880 Item_identification has classifications of one Item_type
- ae881 Item_identification has classifications of many Item_type objects
- ae882 Item_identification has design_activity of one Design_authority
- ae883 Item_identification has source_information of zero Source_information_type
- ae884 Item_identification has source_information of one Source_information_type
- ae885 Item_identification is applicable_to for one Reason
- ae886 Item_identification is applicable_to for many Reason objects
- ae887 Item_identification is assembly_item_list_applies_to for one Item_list_drawing
- ae888 Item_identification is assembly_item_list_applies_to for many Item_list_drawing objects
- ae889 Item_identification is child for one Item_parent_to_item_child_relationship
- ae890 Item_identification is child for many Item_parent_to_item_child_relationship objects
- ae891 Item_identification is child for one Tdp_element_parent_to_item_child_relationship
- ae892 Item_identification is child for many Tdp_element_parent_to_item_child_relationship objects
- ae893 Item_identification is for_item for one Data_list_tabulation
- ae894 Item_identification is for_item for many Data_list_tabulation objects
- ae895 Item_identification is for_item for one Data_list_tabulation
- ae896 Item_identification is identification for one Item
- ae897 Item_identification is identification for many Item objects
- ae898 Item_identification is list_for for one Item_list
- ae899 Item_identification is list_for for many Item_list objects
- ae900 Item_identification is parent for one Item_parent_to_item_child_relationship
- ae901 Item_identification is parent for many Item_parent_to_item_child_relationship objects
- ae902 Item_identification is parent for one Item_parent_to_tdp_element_child_relationship

- ae903 Item_identification is parent for many Item_parent_to_tdp_element_child_relationship objects
- ae904 Item_identification is procurement_references for one Data_definition_exchange_header
- ae905 Item_identification is procurement_references for many Data_definition_exchange_header objects
- ae906 Item_identification is procurement_references for one Indentured_data_list_header
- ae907 Item_identification is procurement_references for many Indentured_data_list_header objects
- ae908 Item_identification is tdp_indenture for one Tdp_indentured_item
- ae909 Item_identification is tdp_indenture for many Tdp_indentured_item objects

4.1.77 Item_list

- ae910 Item_list
- ae911 Item_list with type_of_component_list of one Text
- ae912 Item_list with type_of_component_list = assembly_defined_on_drawing_component_list
- ae913 Item_list with type_of_component_list = installation_drawing_component_list
- ae914 Item_list with type_of_component_list =
item_not_defined_on_drawing_next_higher_assembly_component_list
- ae915 Item_list with type_of_component_list = made_from_component_list_of_one
- ae916 Item_list with type_of_component_list = net_change_list
- ae917 Item_list with type_of_component_list = synthetic_part_number_component_list
- ae918 Item_list has component_of of one Item_usage
- ae919 Item_list has component_of of many Item_usage objects
- ae920 (*deprecated*)
- ae921 Item_list has list_for of one item_list_applies_to_select as Item_identification
- ae922 Item_list has list_for of one item_list_applies_to_select as Item_list_drawing
- ae923 Item_list is parts_tabulations for one Parts_list_body
- ae924 Item_list is parts_tabulations for many Parts_list_body objects

4.1.78 Item_list_drawing

- ae925 Item_list_drawing
- ae926 Item_list_drawing has assembly_item_list_applies_to of zero Item_identification
- ae927 Item_list_drawing has assembly_item_list_applies_to of one Item_identification
- ae928 Item_list_drawing has drawing_number of one Element_identification
- ae929 Item_list_drawing is list_for for one Item_list
- ae930 Item_list_drawing is list_for for many Item_list objects

4.1.79 Item_parent_to_item_child_relationship

- ae931 Item_parent_to_item_child_relationship
- ae932 Item_parent_to_item_child_relationship has child of one Item_identification
- ae933 Item_parent_to_item_child_relationship has parent of one Item_identification
- ae934 Item_parent_to_item_child_relationship is entry for one Indentured_data_list_entry
- ae935 Item_parent_to_item_child_relationship is entry for many Indentured_data_list_entry objects
- ae936 Item_parent_to_item_child_relationship is indentured_entry for one
Data_definition_indentured_entry
- ae937 Item_parent_to_item_child_relationship is indentured_entry for many
Data_definition_indentured_entry objects

4.1.80 Item_parent_to_tdp_element_child_relationship

- ae938 Item_parent_to_tdp_element_child_relationship
- ae939 Item_parent_to_tdp_element_child_relationship has child of one Element_identification
- ae940 Item_parent_to_tdp_element_child_relationship has parent of one Item_identification
- ae941 Item_parent_to_tdp_element_child_relationship is entry for one Indentured_data_list_entry
- ae942 Item_parent_to_tdp_element_child_relationship is entry for many Indentured_data_list_entry objects
- ae943 Item_parent_to_tdp_element_child_relationship is indentured_entry for one Data_definition_indentured_entry
- ae944 Item_parent_to_tdp_element_child_relationship is indentured_entry for many Data_definition_indentured_entry objects

4.1.81 Item_type

- ae945 Item_type
- ae946 Item_type with item_code
- ae947 Item_type with type_of_coding_scheme not present
- ae948 Item_type with type_of_coding_scheme
- ae949 Item_type has code_administrator of zero Company
- ae950 Item_type has code_administrator of one Company
- ae951 Item_type is classifications for one Item_identification
- ae952 Item_type is classifications for many Item_identification objects

4.1.82 Item_usage

- ae953 Item_usage
- ae954 Item_usage as Foreign_defined_item
- ae955 Item_usage as Locally_defined_item
- ae956 Item_usage has being_defined_for of one Item
- ae957 Item_usage has effective_on of zero Effectivity
- ae958 Item_usage has effective_on of one Effectivity
- ae959 Item_usage has list_item of zero List_item_usage
- ae960 Item_usage has list_item of one List_item_usage
- ae961 Item_usage has quantity_used_in_next_higher_assembly of zero Quantity
- ae962 Item_usage has quantity_used_in_next_higher_assembly of one Quantity
- ae963 Item_usage has retrofit of zero Retrofit_usage
- ae964 Item_usage has retrofit of one Retrofit_usage
- ae965 Item_usage has special_conditions of zero Special_condition
- ae966 Item_usage has special_conditions of one Special_condition
- ae967 Item_usage has special_conditions of many Special_condition objects
- ae968 Item_usage is component_of for one Item_list
- ae969 Item_usage is interchange_item for one Alternate_item
- ae970 Item_usage is interchange_item for many Alternate_item objects

4.1.83 List_item_usage

- ae971 List_item_usage
- ae972 List_item_usage with drawing_zones not present

ae973 List_item_usage with drawing_zones of one Identifier
ae974 List_item_usage with drawing_zones of many Identifier elements
ae975 List_item_usage with entry_item_change_level not present
ae976 List_item_usage with entry_item_change_level
ae977 List_item_usage with find_number not present
ae978 List_item_usage with find_number
ae979 List_item_usage with item_type not present
ae980 List_item_usage with item_type
ae981 List_item_usage with reference_designators not present
ae982 List_item_usage with reference_designators of one Identifier
ae983 List_item_usage with reference_designators of many Identifier elements
ae984 List_item_usage has entry_notes of zero Notation
ae985 List_item_usage has entry_notes of one Notation
ae986 List_item_usage has entry_notes of many Notation objects
ae987 List_item_usage is list_item for one Item_usage

4.1.84List_presentation

ae988 List_presentation
ae989 List_presentation with unit_of_length
ae990 List_presentation has body_page1_format of one Body_presentation
ae991 List_presentation has body_pagen_format of zero Body_presentation
ae992 List_presentation has body_pagen_format of one Body_presentation
ae993 List_presentation has body_pagen_format of many Body_presentation objects
ae994 List_presentation has header_page1_format of one Header_presentation
ae995 List_presentation has header_pagen_format of zero Header_presentation
ae996 List_presentation has header_pagen_format of one Header_presentation
ae997 List_presentation has header_pagen_format of many Header_presentation objects
ae998 List_presentation has page_format of one Page_presentation
ae999 List_presentation is presentation for one Associated_list
ae1000 List_presentation is presentation for many Associated_list objects
ae1001 List_presentation is presentation for one Data_definition_exchange
ae1002 List_presentation is presentation for many Data_definition_exchange objects

4.1.85Load_point

ae1003 Load_point
ae1004 Load_point with load_point_x
ae1005 Load_point with load_point_y
ae1006 Load_point is field_load_point for one Field_location_definition
ae1007 Load_point is field_load_point for many Field_location_definition objects
ae1008 Load_point is string_load_point for one String_location_definition
ae1009 Load_point is string_load_point for many String_location_definition objects

4.1.86Locally_defined_item

ae1010 Locally_defined_item
ae1011 Locally_defined_item as Assembly
ae1012 Locally_defined_item as Made_from_stock_material

ae1013 Locally_defined_item as Make_from_an_item

4.1.87Lot_effectivity

ae1014 Lot_effectivity

ae1015 Lot_effectivity with lot_identification

ae1016 Lot_effectivity with lot_size

ae1017 Lot_effectivity with lot_unit_of_measure

4.1.88Made_from_stock_material

ae1018 Made_from_stock_material

ae1019 Made_from_stock_material with quantity_of_item_made_from_stock not present

ae1020 Made_from_stock_material with quantity_of_item_made_from_stock

ae1021 Made_from_stock_material has specified_by of zero Reference_document_usage

ae1022 Made_from_stock_material has specified_by of one Reference_document_usage

ae1023 Made_from_stock_material has specified_by of many Reference_document_usage objects

ae1024 Made_from_stock_material has size of zero Stock_size

ae1025 Made_from_stock_material has size of one Stock_size

ae1026 Made_from_stock_material has stock of zero Stock_material

ae1027 Made_from_stock_material has stock of one Stock_material

4.1.89Make_from_an_item

ae1028 Make_from_an_item

ae1029 Make_from_an_item with quantity_of_item_made_from_other_item not present

ae1030 Make_from_an_item with quantity_of_item_made_from_other_item

ae1031 Make_from_an_item has item_that_is_acting_as_stock of one Item

4.1.90Notation

ae1032 Notation

ae1033 Notation with note

ae1034 Notation with note_parameter not present

ae1035 Notation with note_parameter of one Text

ae1036 Notation with note_parameter of many Text elements

ae1037 Notation with note_title not present

ae1038 Notation with note_title

ae1039 Notation with reference_code not present

ae1040 Notation with reference_code

ae1041 Notation with type_of_notation not present

ae1042 Notation with type_of_notation of one Label

ae1043 Notation with type_of_notation of many Label elements

ae1044 Notation has referenced_document_in_note of zero Element_identification

ae1045 Notation has referenced_document_in_note of one Element_identification

ae1046 Notation has referenced_document_in_note of many Element_identification objects

ae1047 Notation is data_list_notes for one Data_list_body

ae1048 Notation is data_list_notes for many Data_list_body objects

ae1049 Notation is entry_notes for one Data_definition_entry_item

ae1050 Notation is entry_notes for many Data_definition_entry_item objects
ae1051 Notation is entry_notes for one Data_definition_entry_tdp_element
ae1052 Notation is entry_notes for many Data_definition_entry_tdp_element objects
ae1053 Notation is entry_notes for one Data_list_entry
ae1054 Notation is entry_notes for many Data_list_entry objects
ae1055 Notation is entry_notes for one Indentured_data_list_entry
ae1056 Notation is entry_notes for many Indentured_data_list_entry objects
ae1057 Notation is entry_notes for one Index_list_entry
ae1058 Notation is entry_notes for many Index_list_entry objects
ae1059 Notation is entry_notes for one List_item_usage
ae1060 Notation is entry_notes for many List_item_usage objects
ae1061 Notation is list_notes for one Index_list_body
ae1062 Notation is list_notes for many Index_list_body objects
ae1063 Notation is list_notes for one Parts_list_body
ae1064 Notation is list_notes for many Parts_list_body objects
ae1065 Notation is notes for one Item
ae1066 Notation is notes for many Item objects
ae1067 Notation is notes for one Other_list_body
ae1068 Notation is notes for many Other_list_body objects
ae1069 Notation is notes_list for one Data_definition_exchange_body
ae1070 Notation is notes_list for many Data_definition_exchange_body objects
ae1071 Notation is notes_list for one Indentured_data_list_body
ae1072 Notation is notes_list for many Indentured_data_list_body objects
ae1073 Notation is retrofit_description for one Retrofit_usage
ae1074 Notation is retrofit_description for many Retrofit_usage objects

4.1.91Number_with_units

ae1075 Number_with_units
ae1076 Number_with_units with units_of
ae1077 Number_with_units with value_of
ae1078 Number_with_units is a_length for one Stock_size_parameters
ae1079 Number_with_units is a_length for many Stock_size_parameters objects
ae1080 Number_with_units is a_value for one Volume
ae1081 Number_with_units is a_value for many Volume objects
ae1082 Number_with_units is diameter for one Stock_size_parameters
ae1083 Number_with_units is diameter for many Stock_size_parameters objects
ae1084 Number_with_units is height for one Stock_size_parameters
ae1085 Number_with_units is height for many Stock_size_parameters objects
ae1086 Number_with_units is radius for one Stock_size_parameters
ae1087 Number_with_units is radius for many Stock_size_parameters objects
ae1088 Number_with_units is wall_thickness for one Stock_size_parameters
ae1089 Number_with_units is wall_thickness for many Stock_size_parameters objects
ae1090 Number_with_units is width for one Stock_size_parameters
ae1091 Number_with_units is width for many Stock_size_parameters objects

4.1.92Other_list

ae1092 Other_list

ae1093 Other_list has list_body of one Other_list_body
 ae1094 Other_list has list_header of one Other_list_header

4.1.93Other_list_body

ae1095 Other_list_body
 ae1096 Other_list_body has list_body_tables of zero Other_list_body_table
 ae1097 Other_list_body has list_body_tables of one Other_list_body_table
 ae1098 Other_list_body has list_body_tables of many Other_list_body_table objects
 ae1099 Other_list_body has notes of zero Notation
 ae1100 Other_list_body has notes of one Notation
 ae1101 Other_list_body has notes of many Notation objects
 ae1102 Other_list_body has revision_history of zero Revision
 ae1103 Other_list_body has revision_history of one Revision
 ae1104 Other_list_body has revision_history of many Revision objects
 ae1105 Other_list_body is list_body for one Other_list

4.1.94Other_list_body_table

ae1106 Other_list_body_table
 ae1107 Other_list_body_table with description_of_tabulation not present
 ae1108 Other_list_body_table with description_of_tabulation
 ae1109 Other_list_body_table with tabulation_column_descriptions not present
 ae1110 Other_list_body_table with one tabulation_column_descriptions
 ae1111 Other_list_body_table with many tabulation_column_descriptions elements
 ae1112 Other_list_body_table has tabulation_rows of one Tabulation_entry
 ae1113 Other_list_body_table has tabulation_rows of many Tabulation_entry objects
 ae1114 Other_list_body_table is list_body_tables for one Other_list_body
 ae1115 Other_list_body_table is list_body_tables for many Other_list_body objects

4.1.95Other_list_header

ae1116 Other_list_header
 ae1117 Other_list_header has common_header of one Header
 ae1118 Other_list_header is list_header for one Other_list

4.1.96Other_reference_document

ae1119 Other_reference_document
 ae1120 Other_reference_document is authorizing_documents for one Revision
 ae1121 Other_reference_document is authorizing_documents for many Revision objects
 ae1122 Other_reference_document is defining_document for one Retrofit_usage
 ae1123 Other_reference_document is defining_document for many Retrofit_usage objects
 ae1124 Other_reference_document is outstanding_changes for one Alternate_element_identification
 ae1125 Other_reference_document is outstanding_changes for many
 Alternate_element_identification objects
 ae1126 Other_reference_document is outstanding_changes for one Element_identification
 ae1127 Other_reference_document is outstanding_changes for many Element_identification objects

ae1128 Other_reference_document is revision_authorization_identifications for one Change_identification

ae1129 Other_reference_document is revision_authorization_identifications for many Change_identification objects

4.1.97Page_parameters

ae1130 Page_parameters

ae1131 Page_parameters with page_anchor_x

ae1132 Page_parameters with page_anchor_y

ae1133 Page_parameters with page_size_code not present

ae1134 Page_parameters with page_size_code

ae1135 Page_parameters with paper_size not present

ae1136 Page_parameters with paper_size

ae1137 Page_parameters has graphics_declaration of zero graphics_parameters

ae1138 Page_parameters has graphics_declaration of one graphics_parameters as Explicit_graphics

ae1139 Page_parameters has graphics_declaration of one graphics_parameters as External_graphics_file

ae1140 Page_parameters is page_master_parameters for one Page_presentation

ae1141 Page_parameters is page_master_parameters for many Page_presentation objects

ae1142 Page_parameters is page1_parameters for one Page_presentation

ae1143 Page_parameters is page1_parameters for many Page_presentation objects

ae1144 Page_parameters is pagen_parameters for one Page_presentation

ae1145 Page_parameters is pagen_parameters for many Page_presentation objects

4.1.98Page_presentation

ae1146 Page_presentation

ae1147 Page_presentation has page_master_parameters of one Page_parameters

ae1148 Page_presentation has page1_parameters of zero Page_parameters

ae1149 Page_presentation has page1_parameters of one Page_parameters

ae1150 Page_presentation has pagen_parameters of zero Page_parameters

ae1151 Page_presentation has pagen_parameters of one Page_parameters

ae1152 Page_presentation has pagen_parameters of many Page_parameters objects

4.1.99Parts_list

ae1153 Parts_list

ae1154 Parts_list has list_body of one Parts_list_body

ae1155 Parts_list has list_header of one Parts_list_header

4.1.100 Parts_list_body

ae1156 Parts_list_body

ae1157 Parts_list_body has list_notes of zero Notation

ae1158 Parts_list_body has list_notes of one Notation

ae1159 Parts_list_body has list_notes of many Notation objects

ae1160 Parts_list_body has parts_tabulations of one Item_list

ae1161 Parts_list_body has parts_tabulations of many Item_list objects

ae1162 Parts_list_body has referenced_tdp_elements of zero Tdp_element_list_item
 ae1163 Parts_list_body has referenced_tdp_elements of one Tdp_element_list_item
 ae1164 Parts_list_body has referenced_tdp_elements of many Tdp_element_list_item objects
 ae1165 Parts_list_body has revision_history of zero Revision
 ae1166 Parts_list_body has revision_history of one Revision
 ae1167 Parts_list_body has revision_history of many Revision objects
 ae1168 Parts_list_body is list_body for one Parts_list

4.1.101 Parts_list_header

ae1169 Parts_list_header
 ae1170 Parts_list_header has common_header of one Header
 ae1171 Parts_list_header is list_header for one Parts_list

4.1.102 Person

ae1172 Person
 ae1173 Person with first_name not present
 ae1174 Person with first_name
 ae1175 Person with last_name not present
 ae1176 Person with last_name
 ae1177 Person with middle_name not present
 ae1178 Person with middle_name
 ae1179 Person with title not present
 ae1180 Person with title
 ae1181 Person with unique_identifier
 ae1182 Person is person_identification for one Person_and_organization
 ae1183 Person is person_identification for many Person_and_organization objects
 ae1184 Person is person_responsible for one Design_authority
 ae1185 Person is person_responsible for many Design_authority objects
 ae1186 Person is person_responsible for one Release_authentication
 ae1187 Person is person_responsible for many Release_authentication objects
 ae1188 Person is target_person for one System_destination
 ae1189 Person is target_person for many System_destination objects

4.1.103 Person_and_organization

ae1190 Person_and_organization
 ae1191 Person_and_organization with electronic_mail_address not present
 ae1192 Person_and_organization with electronic_mail_address
 ae1193 Person_and_organization with person_address not present
 ae1194 Person_and_organization with person_address
 ae1195 Person_and_organization has organization of zero Company
 ae1196 Person_and_organization has organization of one Company
 ae1197 Person_and_organization has person_identification of zero Person
 ae1198 Person_and_organization has person_identification of one Person
 ae1199 Person_and_organization is distribution_authority for one Distribution_notice
 ae1200 Person_and_organization is distribution_authority for many Distribution_notice objects
 ae1201 Person_and_organization is person_organization for one Approval

ae1202 Person_and_organization is person_organization for many Approval objects
ae1203 Person_and_organization is revision_approval for one Revision
ae1204 Person_and_organization is revision_approval for many Revision objects

4.1.104 Product_configuration

ae1205 Product_configuration
ae1206 Product_configuration with configuration_id
ae1207 Product_configuration has approval_of_configuration of zero Approval
ae1208 Product_configuration has approval_of_configuration of one Approval
ae1209 Product_configuration has approval_of_configuration of many Approval objects
ae1210 Product_configuration has product_name of one Product_model
ae1211 Product_configuration is end_item_system_designation for one Configuration
ae1212 Product_configuration is end_item_system_designation for many Configuration objects
ae1213 Product_configuration is product for one Effectivity
ae1214 Product_configuration is product for many Effectivity objects

4.1.105 Product_data_set

ae1215 Product_data_set as Product_data_set_with_format
ae1216 Product_data_set as Product_data_set_with_shading
ae1217 Product_data_set as Product_data_set_without_format
ae1218 Product_data_set has file_configuration of zero Source_file
ae1219 Product_data_set has file_configuration of one Source_file
ae1220 Product_data_set has file_configuration of many Source_file objects
ae1221 Product_data_set has related of zero drawing_or_product_data_set
ae1222 Product_data_set has related of one drawing_or_product_data_set as Drawing
ae1223 Product_data_set has related of one drawing_or_product_data_set as Product_data_set
ae1224 Product_data_set is related for one Product_data_set
ae1225 Product_data_set is related for many Product_data_set objects

4.1.106 Product_data_set_with_format

ae1226 Product_data_set_with_format
ae1227 Product_data_set_with_format has presentation_of_product_data_set of zero Product_presentation
ae1228 Product_data_set_with_format has presentation_of_product_data_set of one Product_presentation
ae1229 Product_data_set_with_format has presentation_of_product_data_set of many Product_presentation objects
ae1230 Product_data_set_with_format has product_header of one Header

4.1.107 Product_data_set_with_shading

ae1231 Product_data_set_with_shading
ae1232 Product_data_set_with_shading has a_shaded_model of one Shaded_shape_model
ae1233 Product_data_set_with_shading has data_configuration of one Header_configuration_with_element_identification

4.1.108 Product_data_set_without_format

ae1234 Product_data_set_without_format
 ae1235 Product_data_set_without_format has a_model of zero Shape_model
 ae1236 Product_data_set_without_format has a_model of one Shape_model
 ae1237 Product_data_set_without_format has data_configuration of one Header_configuration_with_element_identification

4.1.109 Product_model

ae1238 Product_model
 ae1239 Product_model with model_name
 ae1240 Product_model is product_name for one Product_configuration
 ae1241 Product_model is product_name for many Product_configuration objects

4.1.110 Product_presentation

ae1242 Product_presentation
 ae1243 Product_presentation has annotation_presentation of one Annotation
 ae1244 Product_presentation has part_shape_views of zero Shape_model
 ae1245 Product_presentation has part_shape_views of one Shape_model
 ae1246 Product_presentation has part_shape_views of many Shape_model objects
 ae1247 Product_presentation is presentation_format for one Sheet
 ae1248 Product_presentation is presentation_format for many Sheet objects
 ae1249 Product_presentation is presentation_of_product_data_set for one Product_data_set_with_format
 ae1250 Product_presentation is presentation_of_product_data_set for many Product_data_set_with_format objects

4.1.111 Quantity

ae1251 Quantity
 ae1252 Quantity with quantity_accuracy not present
 ae1253 Quantity with quantity_accuracy of one Text
 ae1254 Quantity with quantity_accuracy = approximate
 ae1255 Quantity with quantity_accuracy = as_required
 ae1256 Quantity with quantity_accuracy = exact
 ae1257 Quantity with value of one A_number
 ae1258 Quantity with value of one Text
 ae1259 Quantity has value of one quantity_type_select as Volume
 ae1260 Quantity has value of one quantity_type_select as Weight
 ae1261 Quantity is quantity_used_in_next_higher_assembly for one Item_usage
 ae1262 Quantity is quantity_used_in_next_higher_assembly for many Item_usage objects
 ae1263 Quantity is total_component_quantity_in_product_configuration for one Sequence_effectivity
 ae1264 Quantity is total_component_quantity_in_product_configuration for many Sequence_effectivity objects

4.1.112 Reason

ae1265 Reason
ae1266 Reason with base not present
ae1267 Reason with base = acknowledge receipt of delivery
ae1268 Reason with base = engineering design analysis
ae1269 Reason with base = interim engineering design review
ae1270 Reason with base = final design review
ae1271 Reason with base = initial data submittal
ae1272 Reason with base = procurement design package
ae1273 Reason with base = provisioning data submittal
ae1274 Reason with base = request for proposal
ae1275 Reason with base = request for quote
ae1276 Reason with base = revision update data submittal
ae1277 Reason with base = specification design package
ae1278 Reason with exchange_purpose not present
ae1279 Reason with exchange_purpose
ae1280 Reason has applicable_to of zero Item_identification
ae1281 Reason has applicable_to of one Item_identification
ae1282 Reason has applicable_to of many Item_identification objects
ae1283 Reason is exchange_reason for one Data_definition_exchange_header
ae1284 Reason is exchange_reason for many Data_definition_exchange_header objects

4.1.113 Reference_document

ae1285 Reference_document as Other_reference_document
ae1286 Reference_document as Specification_document
ae1287 Reference_document as Standard_document
ae1288 Reference_document has document_identification of one Element_identification
ae1289 Reference_document is available_from for one Data_definition_entry_item
ae1290 Reference_document is available_from for many Data_definition_entry_item objects
ae1291 Reference_document is available_from for one Data_definition_entry_tdp_element
ae1292 Reference_document is available_from for many Data_definition_entry_tdp_element objects
ae1293 Reference_document is available_from for one Data_list_entry
ae1294 Reference_document is available_from for many Data_list_entry objects
ae1295 Reference_document is available_from for one Indentured_data_list_entry
ae1296 Reference_document is available_from for many Indentured_data_list_entry objects
ae1297 Reference_document is conditions_defined_through_simple_reference for one Item
ae1298 Reference_document is conditions_defined_through_simple_reference for many Item objects
ae1299 Reference_document is document_referenced for one Reference_document_usage
ae1300 Reference_document is document_referenced for many Reference_document_usage objects
ae1301 Reference_document is list_entry for one Data_list_entry
ae1302 Reference_document is list_entry for many Data_list_entry objects

4.1.114 Reference_document_usage

ae1303 Reference_document_usage
ae1304 Reference_document_usage with location_in_document not present
ae1305 Reference_document_usage with location_in_document

ae1306 Reference_document_usage with usage_code not present
 ae1307 Reference_document_usage with usage_code
 ae1308 Reference_document_usage with usage_description not present
 ae1309 Reference_document_usage with usage_description
 ae1310 Reference_document_usage has document_referenced of one Reference_document
 ae1311 Reference_document_usage has usage_parameter of zero Document_usage_parameter
 ae1312 Reference_document_usage has usage_parameter of one Document_usage_parameter
 ae1313 Reference_document_usage is conditions_defined_through_constrained_document for one Item
 ae1314 Reference_document_usage is conditions_defined_through_constrained_document for many Item objects
 ae1315 Reference_document_usage is specified_by for one Made_from_stock_material
 ae1316 Reference_document_usage is specified_by for many Made_from_stock_material objects

4.1.115 Release_authentication

ae1317 Release_authentication
 ae1318 Release_authentication with authentication
 ae1319 Release_authentication has person_responsible of zero Person
 ae1320 Release_authentication has person_responsible of one Person
 ae1321 Release_authentication has release_authority of one Company
 ae1322 Release_authentication has release_authority_code of zero Company_code
 ae1323 Release_authentication has release_authority_code of one Company_code
 ae1324 Release_authentication has release_date of one Date
 ae1325 Release_authentication is release_authorizations for one Configuration
 ae1326 Release_authentication is release_authorizations for many Configuration objects

4.1.116 Retrofit_usage

ae1327 Retrofit_usage
 ae1328 Retrofit_usage with disposition_for = add
 ae1329 Retrofit_usage with disposition_for = delete
 ae1330 Retrofit_usage with disposition_for = modify
 ae1331 Retrofit_usage has defining_document of zero Other_reference_document
 ae1332 Retrofit_usage has defining_document of one Other_reference_document
 ae1333 Retrofit_usage has retrofit_description of zero Notation
 ae1334 Retrofit_usage has retrofit_description of one Notation
 ae13341 Retrofit_usage is retrofit for one Indentured_data_list_entry
 ae13342 Retrofit_usage is retrofit for many Indentured_data_list_entry objects
 ae1335 Retrofit_usage is retrofit for one Item_usage
 ae1336 Retrofit_usage is retrofit for many Item_usage objects

4.1.117 Revision

ae1337 Revision
 ae1338 Revision with revision_description not present
 ae1339 Revision with revision_description
 ae1340 Revision with revision_level
 ae1341 Revision has authorizing_documents of zero Other_reference_document

ae1342 Revision has authorizing_documents of one Other_reference_document
ae1343 Revision has authorizing_documents of many Other_reference_document objects
ae1344 Revision has revision_approval of zero Person_and_organization
ae1345 Revision has revision_approval of one Person_and_organization
ae1346 Revision has revision_date of zero Date
ae1347 Revision has revision_date of one Date
ae1348 Revision is revision_history for one Data_definition_exchange_body
ae1349 Revision is revision_history for many Data_definition_exchange_body objects
ae1350 Revision is revision_history for one Data_list_body
ae1351 Revision is revision_history for many Data_list_body objects
ae1352 Revision is revision_history for one Indentured_data_list_body
ae1353 Revision is revision_history for many Indentured_data_list_body objects
ae1354 Revision is revision_history for one Index_list_body
ae1355 Revision is revision_history for many Index_list_body objects
ae1356 Revision is revision_history for one Other_list_body
ae1357 Revision is revision_history for many Other_list_body objects
ae1358 Revision is revision_history for one Parts_list_body
ae1359 Revision is revision_history for many Parts_list_body objects

4.1.118 Security_classification

ae1360 Security_classification
ae1361 Security_classification with item_classification
ae1362 Security_classification with title_security_classification not present
ae1363 Security_classification with title_security_classification
ae1364 Security_classification has classification_date of zero Date
ae1365 Security_classification has classification_date of one Date
ae1366 Security_classification has declassification_date of zero Date
ae1367 Security_classification has declassification_date of one Date
ae1368 Security_classification is security_identifications for one Configuration
ae1369 Security_classification is security_identifications for many Configuration objects
ae1370 Security_classification is security_identifications for one File
ae1371 Security_classification is security_identifications for many File objects

4.1.119 Sequence_effectivity

ae1372 Sequence_effectivity
ae1373 Sequence_effectivity with from_effectivity_id
ae1374 Sequence_effectivity with quantity_unit_of_measure not present
ae1375 Sequence_effectivity with quantity_unit_of_measure
ae1376 Sequence_effectivity with thru_effectivity_id not present
ae1377 Sequence_effectivity with thru_effectivity_id
ae1378 Sequence_effectivity has total_component_quantity_in_product_configuration of zero Quantity
ae1379 Sequence_effectivity has total_component_quantity_in_product_configuration of one Quantity

4.1.120 Shaded_shape_model

ae1380 Shaded_shape_model
 ae1381 Shaded_shape_model has part_shape_views of one Shape_model
 ae1382 Shaded_shape_model has part_shape_views of many Shape_model objects
 ae1383 Shaded_shape_model is a_shaded_model for one Product_data_set_with_shading
 ae1384 Shaded_shape_model is a_shaded_model for many Product_data_set_with_shading objects

4.1.121 Shape_model

ae1385 Shape_model
 ae1386 Shape_model has part_shape_representation of one Geometry
 ae1387 Shape_model is a_model for one Product_data_set_without_format
 ae1388 Shape_model is a_model for many Product_data_set_without_format objects
 ae1389 Shape_model is part_shape_views for one Product_presentation
 ae1390 Shape_model is part_shape_views for many Product_presentation objects
 ae1391 Shape_model is part_shape_views for one Shaded_shape_model
 ae1392 Shape_model is part_shape_views for many Shaded_shape_model objects

4.1.122 Sheet

ae1393 Sheet
 ae1394 Sheet with sheet_size not present
 ae1395 Sheet with sheet_size
 ae1396 Sheet has presentation_format of zero Product_presentation
 ae1397 Sheet has presentation_format of one Product_presentation
 ae1398 Sheet has sheet_configuration of zero Configuration
 ae1399 Sheet has sheet_configuration of one Configuration
 ae1400 Sheet has sheet_identifier of zero Element_identification
 ae1401 Sheet has sheet_identifier of one Element_identification
 ae1402 Sheet is pages for one Drawing
 ae1403 Sheet is pages for many Drawing objects
 ae1404 Sheet is list_entry for one Data_list_entry
 ae1405 Sheet is list_entry for many Data_list_entry objects

4.1.123 Simple_list_of_elements

ae1406 Simple_list_of_elements
 ae1407 Simple_list_of_elements has element_entries of one Data_definition_exchange_simple_entry
 ae1408 Simple_list_of_elements has element_entries of many
 Data_definition_exchange_simple_entry objects
 ae1409 Simple_list_of_elements is list_method for one Data_definition_exchange_body
 ae1410 Simple_list_of_elements is list_method for many Data_definition_exchange_body objects

4.1.124 Simple_list_of_files

ae1411 Simple_list_of_files
 ae1412 Simple_list_of_files has file_entries of one data_definition_file_entry as Accessed_file

- ae1413 Simple_list_of_files has file_entries of many data_definition_file_entry as Accessed_file objects
- ae1414 Simple_list_of_files has file_entries of one data_definition_file_entry as Exchange_file
- ae1415 Simple_list_of_files has file_entries of many data_definition_file_entry as Exchange_file objects
- ae1416 Simple_list_of_files is list_method for one Data_definition_exchange_body
- ae1417 Simple_list_of_files is list_method for many Data_definition_exchange_body objects

4.1.125 Single_document_list

- ae1418 Single_document_list as Data_list
- ae1419 Single_document_list as Index_list

4.1.126 Size_characteristics

- ae1420 Size_characteristics
- ae1421 Size_characteristics as Size_characteristics_full_size
- ae1422 Size_characteristics as Size_characteristics_internal_divisions
- ae1423 Size_characteristics as Size_characteristics_sheet_across_file
- ae1424 Size_characteristics with byte_size not present
- ae1425 Size_characteristics with byte_size
- ae1426 Size_characteristics with sheet_size not present
- ae1427 Size_characteristics with sheet_size
- ae1428 Size_characteristics is size for one Data_definition_entry_tdp_element
- ae1429 Size_characteristics is size for many Data_definition_entry_tdp_element objects
- ae1430 Size_characteristics is size for one File
- ae1431 Size_characteristics is size for many File objects

4.1.127 Size_characteristics_full_size

- ae1432 Size_characteristics_full_size
- ae1433 Size_characteristics_full_size is size_of_sheet for one Header
- ae1434 Size_characteristics_full_size is size_of_sheet for many Header objects

4.1.128 Size_characteristics_internal_divisions

- ae1435 Size_characteristics_internal_divisions
- ae1436 Size_characteristics_internal_divisions with internal_division_count not present
- ae1437 Size_characteristics_internal_divisions with internal_division_count
- ae1438 Size_characteristics_internal_divisions with internal_division_type not present
- ae1439 Size_characteristics_internal_divisions with internal_division_type

4.1.129 Size_characteristics_sheet_across_file

- ae1440 Size_characteristics_sheet_across_file
- ae1441 Size_characteristics_sheet_across_file with frame_number_comprising_this_file not present
- ae1442 Size_characteristics_sheet_across_file with frame_number_comprising_this_file
- ae1443 Size_characteristics_sheet_across_file with number_of_frames_for_sheet not present
- ae1444 Size_characteristics_sheet_across_file with number_of_frames_for_sheet

4.1.130 Source_file

ae1445 Source_file
 ae1446 Source_file is file_configuration for one Product_data_set
 ae1447 Source_file is file_configuration for many Product_data_set objects

4.1.131 Source_information_type

ae1448 Source_information_type
 ae1449 Source_information_type with source_code not present
 ae1450 Source_information_type with source_code
 ae1451 Source_information_type with source_description not present
 ae1452 Source_information_type with source_description
 ae1453 Source_information_type with type_of_coding_scheme not present
 ae1454 Source_information_type with type_of_coding_scheme
 ae1455 Source_information_type is source_information for one Alternate_identification_of_item
 ae1456 Source_information_type is source_information for many Alternate_identification_of_item objects
 ae1457 Source_information_type is source_information for one Item_identification
 ae1458 Source_information_type is source_information for many Item_identification objects

4.1.132 Special_condition

ae1459 Special_condition
 ae1460 Special_condition with code not present
 ae1461 Special_condition with code
 ae1462 Special_condition with description not present
 ae1463 Special_condition with description
 ae1464 Special_condition with type_of_coding_scheme not present
 ae1465 Special_condition with type_of_coding_scheme
 ae1466 Special_condition is special_conditions for one Data_definition_entry_item
 ae1467 Special_condition is special_conditions for many Data_definition_entry_item objects
 ae1468 Special_condition is special_conditions for one Data_definition_entry_tdp_element
 ae1469 Special_condition is special_conditions for many Data_definition_entry_tdp_element objects
 ae1470 Special_condition is special_conditions for one Data_list_entry
 ae1471 Special_condition is special_conditions for many Data_list_entry objects
 ae1472 Special_condition is special_conditions for one Indentured_data_list_entry
 ae1473 Special_condition is special_conditions for many Indentured_data_list_entry objects
 ae1474 Special_condition is special_conditions for one Item
 ae1475 Special_condition is special_conditions for many Item objects
 ae1476 Special_condition is special_conditions for one Item_usage
 ae1477 Special_condition is special_conditions for many Item_usage objects

4.1.133 Specification_document

ae1478 Specification_document

4.1.134 Standard_document

ae1479 Standard_document

4.1.135 Status

ae1480 Status

ae1481 Status with status_code

ae1482 Status with status_code_basis not present

ae1483 Status with status_code_basis

ae1484 Status is action_status for one Change_identification

ae1485 (*deprecated*)

4.1.136 Stock_material

ae1486 Stock_material

ae1487 Stock_material has material of zero Item

ae1488 Stock_material has material of one Item

ae1489 Stock_material has size of zero Stock_size

ae1490 Stock_material has size of one Stock_size

ae1491 Stock_material is stock for one Made_from_stock_material

ae1492 Stock_material is stock for many Made_from_stock_material objects

4.1.137 Stock_size

ae1493 Stock_size

ae1494 Stock_size with catalog not present

ae1495 Stock_size with catalog = bar

ae1496 Stock_size with catalog = block

ae1497 Stock_size with catalog = pipe

ae1498 Stock_size with catalog = plate

ae1499 Stock_size with catalog = roll

ae1500 Stock_size with catalog = sheet

ae1501 Stock_size with catalog = sphere

ae1502 Stock_size with catalog = tube

ae1503 Stock_size with cross_section not present

ae1504 Stock_size with cross_section = angle

ae1505 Stock_size with cross_section = channel

ae1506 Stock_size with cross_section = hex

ae1507 Stock_size with cross_section = I_section

ae1508 Stock_size with cross_section = oval

ae1509 Stock_size with cross_section = rectangular

ae1510 Stock_size with cross_section = round

ae1511 Stock_size with cross_section = square

ae1512 Stock_size with cross_section = T_section

ae1513 Stock_size has parameters_for of one Stock_size_parameters

ae1514 Stock_size has parameters_for of many Stock_size_parameters objects

ae1515 Stock_size is size for one Made_from_stock_material

ae1516 Stock_size is size for many Made_from_stock_material objects

ae1517 Stock_size is size for one Stock_material
 ae1518 Stock_size is size for many Stock_material objects

4.1.138 Stock_size_parameters

ae1519 Stock_size_parameters
 ae1520 Stock_size_parameters with name_of_parameter not present
 ae1521 Stock_size_parameters with name_of_parameter
 ae1522 Stock_size_parameters with textual_parameter not present
 ae1523 Stock_size_parameters with textual_parameter
 ae1524 Stock_size_parameters has a_length of zero Number_with_units
 ae1525 Stock_size_parameters has a_length of one Number_with_units
 ae1526 Stock_size_parameters has diameter of zero Number_with_units
 ae1527 Stock_size_parameters has diameter of one Number_with_units
 ae1528 Stock_size_parameters has height of zero Number_with_units
 ae1529 Stock_size_parameters has height of one Number_with_units
 ae1530 Stock_size_parameters has radius of zero Number_with_units
 ae1531 Stock_size_parameters has radius of one Number_with_units
 ae1532 Stock_size_parameters has wall_thickness of zero Number_with_units
 ae1533 Stock_size_parameters has wall_thickness of one Number_with_units
 ae1534 Stock_size_parameters has width of zero Number_with_units
 ae1535 Stock_size_parameters has width of one Number_with_units
 ae1536 Stock_size_parameters is parameters_for for one Stock_size
 ae1537 Stock_size_parameters is parameters_for for many Stock_size objects

4.1.139 String_location_definition

ae1538 String_location_definition
 ae1539 String_location_definition has string_load_point of one Load_point

4.1.140 System_declaration

ae1540 System_declaration
 ae1541 System_declaration with creating_interface not present
 ae1542 System_declaration with creating_interface
 ae1543 System_declaration with operating_system not present
 ae1544 System_declaration with operating_system
 ae1545 System_declaration with system not present
 ae1546 System_declaration with system
 ae1547 System_declaration with system_element_identifier not present
 ae1548 System_declaration with system_element_identifier
 ae1549 System_declaration with system_related_element_identifier not present
 ae1550 System_declaration with system_related_element_identifier
 ae1551 System_declaration is destination_system for one Exchange_file
 ae1552 System_declaration is destination_system for many Exchange_file objects
 ae1553 System_declaration is source_system for one File
 ae1554 System_declaration is source_system for many File objects

4.1.141 System_destination

ae1555 System_destination
ae1556 System_destination has target_company of one Company
ae1557 System_destination has target_company_code of zero Company_code
ae1558 System_destination has target_company_code of one Company_code
ae1559 System_destination has target_person of zero Person
ae1560 System_destination has target_person of one Person
ae1561 System_destination is destinations for one Data_definition_exchange_header
ae1562 System_destination is destinations for many Data_definition_exchange_header objects

4.1.142 Tabulation

ae1563 Tabulation
ae1564 Tabulation has group_parent_headings of zero Group_parent_header
ae1565 Tabulation has group_parent_headings of one Group_parent_header
ae1566 Tabulation has group_parent_headings of many Group_parent_header objects
ae1567 Tabulation has parent_columns of zero Group_parent_content_holder
ae1568 Tabulation has parent_columns of one Group_parent_content_holder
ae1569 Tabulation has parent_columns of many Group_parent_content_holder objects
ae1570 Tabulation has tabulation_columnar_headings of zero Column_header
ae1571 Tabulation has tabulation_columnar_headings of one Column_header
ae1572 Tabulation has tabulation_columnar_headings of many Column_header objects
ae1573 Tabulation has tabulation_columns of one Columnar_data_content_holder
ae1574 Tabulation has tabulation_columns of many Columnar_data_content_holder objects
ae1575 Tabulation has tabulation_group_parent_headings of zero Group_parent_column_header
ae1576 Tabulation has tabulation_group_parent_headings of one Group_parent_column_header
ae1577 Tabulation has tabulation_group_parent_headings of many Group_parent_column_header objects
ae1578 Tabulation has tabulation_headings of zero Tabulation_header
ae1579 Tabulation has tabulation_headings of one Tabulation_header
ae1580 Tabulation has tabulation_headings of many Tabulation_header objects

4.1.143 Tabulation_entry

ae1581 Tabulation_entry
ae1582 Tabulation_entry with one column_information
ae1583 Tabulation_entry with many column_information elements
ae1584 Tabulation_entry is tabulation_rows for one Other_list_body_table
ae1585 Tabulation_entry is tabulation_rows for many Other_list_body_table objects

4.1.144 Tabulation_header

ae1586 Tabulation_header
ae1587 Tabulation_header has single_tabulation_header_titles of one Field_title
ae1588 Tabulation_header has single_tabulation_header_titles of many Field_title objects
ae1589 Tabulation_header is tabulation_headings for one Tabulation
ae1590 Tabulation_header is tabulation_headings for many Tabulation objects

4.1.145 Tdp_element

ae1591 Tdp_element as Associated_list
 ae1592 Tdp_element as Drawing
 ae1593 Tdp_element as Product_data_set
 ae1594 Tdp_element as Reference_document
 ae1595 Tdp_element is related_tdp_element for one Tdp_element_and_item_association
 ae1596 Tdp_element is related_tdp_element for many Tdp_element_and_item_association

4.1.146 Tdp_element_and_item_association

ae1597 Tdp_element_and_item_association
 ae1598 Tdp_element_and_item_association has related_item of one Item
 ae1599 Tdp_element_and_item_association has related_tdp_element of one Tdp_element

4.1.147 Tdp_element_list_item

ae1600 Tdp_element_list_item
 ae1601 Tdp_element_list_item with reference_code not present
 ae1602 Tdp_element_list_item with reference_code
 ae1603 Tdp_element_list_item has tdp_element_item of one Element_identification
 ae1604 Tdp_element_list_item is referenced_tdp_elements for one Parts_list_body
 ae1605 Tdp_element_list_item is referenced_tdp_elements for many Parts_list_body objects

4.1.148 Tdp_element_parent_to_item_child_relationship

ae1606 Tdp_element_parent_to_item_child_relationship
 ae1607 Tdp_element_parent_to_item_child_relationship has child of one Item_identification
 ae1608 Tdp_element_parent_to_item_child_relationship has parent of one Element_identification
 ae1609 Tdp_element_parent_to_item_child_relationship is entry for one Indentured_data_list_entry
 ae1610 Tdp_element_parent_to_item_child_relationship is entry for many Indentured_data_list_entry objects
 ae1611 Tdp_element_parent_to_item_child_relationship is indentured_entry for one Data_definition_indentured_entry
 ae1612 Tdp_element_parent_to_item_child_relationship is indentured_entry for many Data_definition_indentured_entry objects

4.1.149 Tdp_element_parent_to_tdp_element_child_relationship

ae1613 Tdp_element_parent_to_tdp_element_child_relationship
 ae1614 Tdp_element_parent_to_tdp_element_child_relationship has child of one Element_identification
 ae1615 Tdp_element_parent_to_tdp_element_child_relationship has parent of one Element_identification
 ae1616 Tdp_element_parent_to_tdp_element_child_relationship is entry for one Indentured_data_list_entry
 ae1617 Tdp_element_parent_to_tdp_element_child_relationship is entry for many Indentured_data_list_entry objects

ae1618 Tdp_element_parent_to_tdp_element_child_relationship is indentured_entry for one Data_definition_indentured_entry
ae1619 Tdp_element_parent_to_tdp_element_child_relationship is indentured_entry for many Data_definition_indentured_entry objects

4.1.150 Tdp_indentured_item

ae1620 Tdp_indentured_item
ae1621 Tdp_indentured_item has tdp_indenture of one Item_identification
ae1622 Tdp_indentured_item is entry for one Indentured_data_list_entry
ae1623 Tdp_indentured_item is entry for many Indentured_data_list_entry objects
ae1624 Tdp_indentured_item is indentured_entry for one Data_definition_indentured_entry
ae1625 Tdp_indentured_item is indentured_entry for many Data_definition_indentured_entry objects
ae1626 Tdp_indentured_item is tdp_indentured for one
Indentured_list_by_part_with_document_references_to_parts
ae1627 Tdp_indentured_item is tdp_indentured for many
Indentured_list_by_part_with_document_references_to_parts objects
ae1628 Tdp_indentured_item is tdp_indentured_items for one Indentured_list_by_part
ae1629 Tdp_indentured_item is tdp_indentured_items for many Indentured_list_by_part objects

4.1.151 Tdp_indentured_tdp_element

ae1630 Tdp_indentured_tdp_element
ae1631 Tdp_indentured_tdp_element has tdp_indenture of one Element_identification
ae1632 Tdp_indentured_tdp_element is entry for one Indentured_data_list_entry
ae1633 Tdp_indentured_tdp_element is entry for many Indentured_data_list_entry objects
ae1634 Tdp_indentured_tdp_element is indentured_entry for one Data_definition_indentured_entry
ae1635 Tdp_indentured_tdp_element is indentured_entry for many Data_definition_indentured_entry objects
ae1636 Tdp_indentured_tdp_element is tdp_indentured for one
Indentured_list_by_part_with_document_references_to_parts
ae1637 Tdp_indentured_tdp_element is tdp_indentured for many
Indentured_list_by_part_with_document_references_to_parts objects
ae1638 Tdp_indentured_tdp_element is tdp_indentured_tdp_elements for one
Indentured_list_by_document
ae1639 Tdp_indentured_tdp_element is tdp_indentured_tdp_elements for many
Indentured_list_by_document objects

4.1.152 Time

ae1640 Time
ae1641 Time with hour
ae1642 Time with minute not present
ae1643 Time with minute
ae1644 Time with second not present
ae1645 Time with second
ae1646 Time with zone
ae1647 Time is specific_time for one Date
ae1648 Time is specific_time for many Date objects

4.1.153 Volume

ae1649 Volume
 ae1650 Volume has a_value of one Number_with_units
 ae1651 Volume is value for one Quantity
 ae1652 Volume is value for many Quantity objects

4.1.154 Weight

ae1653 Weight
 ae1654 Weight with a_value
 ae1655 Weight with derivation_method not present
 ae1656 Weight with derivation_method = calculated
 ae1657 Weight with derivation_method = estimated
 ae1658 Weight with derivation_method = weighed
 ae1659 Weight with unit_of_measure
 ae1660 Weight is item_weight for one Item
 ae1661 Weight is item_weight for many Item objects
 ae1662 Weight is value for one Quantity
 ae1663 Weight is value for many Quantity objects

4.2 AIM test purposes

AIM test purposes are identified by the prefix “aim” in the test purpose identifier. Each test purpose derived from the AIM EXPRESS shall be interpreted as given in the following statement: the postprocessor shall accept the input in accordance with the AIM EXPRESS structure corresponding to this test purpose. This implies that the semantics of the application element represented by the AIM element are preserved by the IUT between the input and output of a test according to the reference path specified in the mapping table of the AP. This also implies no violations of any constraints (e.g., where rules or global rules) that apply to the AIM element. AIM test purposes apply to the input specifications of postprocessor test cases only. AIM test purposes are derived directly from the expanded EXPRESS listing contained in annex A of ISO 10303-232 as follows:

- AIM entities. A test purpose derived from an AIM entity is a simple statement of the entity name.
- AIM entity attributes. A test purpose derived from an AIM entity attribute is a statement of the AIM entity with a given attribute.

NOTE 1 Test purposes are not derived for AIM entities that are defined with a SUPERTYPE OF ... ONEOF construct because these specify abstract supertypes that can not be instantiated.

NOTE 2 However, in the case of abstract supertypes with attributes that require test purposes, then the AIM entity attribute test purposes are written for the supertype entity. Such attribute test purposes must be tested in conjunction with tests of the subtype entities.

Each AIM entity test purpose is grouped with its attribute test purposes.

4.2.1 action

aim1 action
aim2 action with description not present
aim3 actions with description

4.2.2 action_method

aim4 action_method (see 6.1)
aim5 action_method with description not present (see 6.1)
aim6 actions_method with description

4.2.3 action_method_with_associated_documents

aim7 action_method_with_associated_documents
aim8 action_method_with_associated_documents with documents of one element
aim9 action_method_with_associated_documents with documents of many elements

4.2.4 action_property

aim10 action_property

4.2.5 action_property_representation

aim11 action_property_representation

4.2.6 action_relationship

aim12 action_relationship
aim13 action_relationship with description not present
aim14 action_relationship with description

4.2.7 action_status

aim15 action_status

4.2.8 address

aim16 address
aim17 address with internal_location not present
aim18 address with internal_location
aim19 address with street_number not present
aim20 address with street_number
aim21 address with street not present
aim22 address with street
aim23 address with postal_box not present
aim24 address with postal_box
aim25 address with town not present
aim26 address with town

aim27 address with region not present
 aim28 address with region
 aim29 address with postal_code not present
 aim30 address with postal_code
 aim31 address with country not present
 aim32 address with country
 aim33 address with facsimile_number not present
 aim34 address with facsimile_number
 aim35 address with telephone_number not present
 aim36 address with telephone_number
 aim37 address with electronic_mail_address not present
 aim38 address with electronic_mail_address
 aim39 address with telex_number not present
 aim40 address with telex_number

4.2.9 advanced_brep_shape_representation

aim41 advanced_brep_shape_representation

4.2.10 advanced_face

aim42 advanced_face

4.2.11 alternate_product_relationship

aim43 alternate_product_relationship
 aim44 alternate_product_relationship with description not present
 aim45 alternate_product_relationship with description

4.2.12 amount_of_substance_measure_with_unit

aim46 amount_of_substance_measure_with_unit

4.2.13 amount_of_substance_unit

aim47 amount_of_substance_unit

4.2.14 annotation_curve_occurrence

aim48 annotation_curve_occurrence

4.2.15 annotation_point_occurrence

aim49 annotation_point_occurrence

4.2.16 annotation_text

aim50 annotation_text

4.2.17annotation_text_character

aim51 annotation_text_character

4.2.18annotation_text_occurrence

aim52 annotation_text_occurrence

4.2.19application_context

aim53 application_context (see 6.1)

4.2.20application_context_element

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aim112 b_spline_curve with curve_form = elliptic_arc

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aim115 b_spline_curve with curve_form = unspecified

aim116 b_spline_curve with closed_curve = TRUE

aim117 b_spline_curve with closed_curve = FALSE

aim118 b_spline_curve with closed_curve = UNKNOWN

aim119 b_spline_curve with self_intersect = TRUE

aim120 b_spline_curve with self_intersect = FALSE

aim121 b_spline_curve with self_intersect = UNKNOWN

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aim141 b_spline_surface with surface_form = unspecified

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aim143 b_spline_surface with surface_form = unspecified

aim144 b_spline_surface with u_closed = TRUE

aim145 b_spline_surface with u_closed = FALSE

aim146 b_spline_surface with u_closed = UNKNOWN

aim147 b_spline_surface with v_closed = TRUE

aim148 b_spline_surface with v_closed = FALSE

aim149 b_spline_surface with v_closed = UNKNOWN

aim150 b_spline_surface with self_intersect = TRUE

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aim158 b_spline_surface_with_knots with knot_spec = uniform_knots

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aim491 oriented_closed_shell with orientation = TRUE

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aim495 oriented_edge with orientation = FALSE

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aim497 oriented_face with orientation = TRUE

aim498 oriented_face with orientation = FALSE

4.2.249 oriented_open_shell

aim499 oriented_open_shell

aim500 oriented_open_shell with orientation = TRUE

aim501 oriented_open_shell with orientation = FALSE

4.2.250 oriented_path

aim502 oriented_path

aim503 oriented_path with orientation = TRUE

aim504 oriented_path with orientation = FALSE

4.2.251 other_list_table_representation

aim505 other_list_table_representation

4.2.252 outer_boundary_curve

aim506 outer_boundary_curve

4.2.253 over_riding_styled_item

aim507 over_riding_styled_item

4.2.254 parabola

aim508 parabola

4.2.255 parametric_representation_context

aim509 parametric_representation_context

4.2.256 path

aim510 path

aim511 path with edge_list of one element

aim512 path with edge_list of many elements

4.2.257 pcurve

aim513 pcurve

4.2.258 person

aim514 person

aim515 person with last_name not present

aim516 person with last_name

aim517 person with first_name not present

aim518 person with first_name

aim519 person with middle_names not present

aim520 person with middle_names of one element

aim521 person with middle_names of many elements

aim522 person with prefix_titles not present

aim523 person with prefix_titles of one element

aim524 person with prefix_titles of many elements

aim525 person with suffix_titles not present

aim526 person with suffix_titles of one element

aim527 person with suffix_titles of many elements

4.2.259 person_and_organization

aim528 person_and_organization

4.2.260 person_and_organization_role

aim529 person_and_organization_role

4.2.261 personal_address

aim530 personal_address

aim531 personal_address with people of one element

aim532 personal_address with people of many elements

aim533 personal_address with description not present

aim534 personal_address with description

4.2.262 planar_box

aim535 planar_box

4.2.263 planar_extent

aim536 planar_extent

4.2.264 plane

aim537 plane

4.2.265 plane_angle_measure_with_unit

aim538 plane_angle_measure_with_unit

4.2.266 plane_angle_unit

aim539 plane_angle_unit

4.2.267 point_on_curve

aim540 point_on_curve

4.2.268 point_on_surface

aim541 point_on_surface

4.2.269 point_replica

aim542 point_replica

4.2.270 point_style

aim543 point_style

4.2.271 poly_loop

aim544 poly_loop

aim545 poly_loop with polygon of many elements

4.2.272 polyline

aim546 polyline

aim547 polyline with points of many elements

4.2.273 pre_defined_colour

aim548 pre_defined_colour

4.2.274 pre_defined_curve_font

aim549 pre_defined_curve_font

4.2.275 pre_defined_item

aim550 pre_defined_item

4.2.276 pre_defined_text_font

aim551 pre_defined_text_font

4.2.277 precision_qualifier

aim552 precision_qualifier

4.2.278 presentation_area

aim553 presentation_area

4.2.279 presentation_representation

aim554 presentation_representation

4.2.280 presentation_set

aim555 presentation_set

4.2.281 presentation_size

aim556 presentation_size

4.2.282 presentation_style_assignment

aim557 presentation_style_assignment

aim558 presentation_style_assignment with styles of one element

aim559 presentation_style_assignment with styles of many elements

4.2.283 presentation_style_by_context

aim560 presentation_style_by_context

4.2.284 presentation_view

aim561 presentation_view

4.2.285 presented_item_representation

aim562 presented_item_representation

4.2.286 process_product_association

aim563 process_product_association

4.2.287 product

aim564 product

aim565 product with description not present

aim566 product with description

aim567 product with frame_of_reference of one element

aim568 product with frame_of_reference of many elements

4.2.288 product_category

aim569 product_category

aim570 product_category with description not present

aim571 product_category with description

4.2.289 product_category_relationship

aim572 product_category_relationship

aim573 product_category_relationship with description not present

aim574 product_category_relationship with description

4.2.290 product_concept

aim575 product_concept

aim576 product_concept with description not present

aim577 product_concept with description

4.2.291 product_concept_context

aim578 product_concept_context

4.2.292 product_context

aim579 product_context

4.2.293 product_definition

aim580 product_definition

aim581 product_definition with description not present

aim582 product_definition with description

4.2.294 product_definition_context

aim583 product_definition_context

4.2.295 product_definition_context_association

aim584 product_definition_context_association

4.2.296 product_definition_context_role

aim585 product_definition_context_role

aim586 product_definition_context_role with description not present

aim587 product_definition_context_role with description

4.2.297 product_definition_effectivity

aim588 product_definition_effectivity

4.2.298 product_definition_formation

aim589 product_definition_formation

aim590 product_definition_formation with description not present

aim591 product_definition_formation with description

4.2.299 product_definition_formation_relationship

aim592 product_definition_formation_relationship

aim593 product_definition_formation_relationship with description not present

aim594 product_definition_formation_relationship with description

4.2.300 product_definition_formation_with_specified_source

aim595 product_definition_formation_with_specified_source

4.2.301 product_definition_occurrence_relationship

aim596 product_definition_occurrence_relationship

aim597 product_definition_occurrence_relationship with description not present

aim598 product_definition_occurrence_relationship with description

4.2.302 product_definition_process

aim599 product_definition_process

4.2.303 product_definition_relationship

aim600 product_definition_relationship

aim601 product_definition_relationship with description not present

aim602 product_definition_relationship with description

4.2.304 product_definition_shape

aim603 product_definition_shape

4.2.305 product_definition_substitute

aim604 product_definition_substitute

aim605 product_definition_substitute with description not present

aim606 product_definition_substitute with description

4.2.306 product_definition_usage

aim607 product_definition_usage

4.2.307 product_definition_with_associated_documents

aim608 product_definition_with_associated_documents

aim609 product_definition_with_associated_documents with documentation_ids of one element

aim610 product_definition_with_associated_documents with documentation_ids of many elements

4.2.308 product_related_product_category

aim611 product_related_product_category

aim612 product_related_product_category with products of one element

aim613 product_related_product_category with products of many elements

4.2.309 product_relationship

aim614 product_relationship

aim615 product_relationship with description not present

aim616 product_relationship with description

4.2.310 promissory_usage_occurrence

aim617 promissory_usage_occurrence

4.2.311 property_definition

aim618 property_definition

aim619 property_definition with description not present

aim620 property_definition with description

4.2.312 property_definition_relationship

aim621 property_definition_relationship

4.2.313 property_definition_representation

aim622 property_definition_representation

4.2.314 qualified_representation_item

aim623 qualified_representation_item
aim624 qualified_representation_item with qualifiers of one element
aim625 qualified_representation_item with qualifiers of many elements

4.2.315 quantified_assembly_component_usage

aim626 quantified_assembly_component_usage

4.2.316 quasi_uniform_curve

aim627 quasi_uniform_curve

4.2.317 quasi_uniform_surface

aim628 quasi_uniform_surface

4.2.318 ratio_measure_with_unit

aim629 ratio_measure_with_unit

4.2.319 ratio_unit

aim630 ratio_unit

4.2.320 rational_b_spline_curve

aim631 rational_b_spline_curve
aim632 rational_b_spline_curve with weights_data of many elements

4.2.321 rational_b_spline_surface

aim633 rational_b_spline_surface
aim634 rational_b_spline_surface with weights_data of many elements

4.2.322 rectangular_composite_surface

aim635 rectangular_composite_surface
aim636 rectangular_composite_surface with segments of many elements

4.2.323 rectangular_trimmed_surface

aim637 rectangular_trimmed_surface
aim638 rectangular_trimmed_surface with usense = TRUE
aim639 rectangular_trimmed_surface with usense = FALSE
aim640 rectangular_trimmed_surface with vsense = TRUE
aim641 rectangular_trimmed_surface with vsense = FALSE

4.2.324 reparametrised_composite_curve_segment

aim642 reparametrised_composite_curve_segment

4.2.325 representation

aim643 representation

aim644 representation with items of one element

aim645 representation with items of many elements

4.2.326 representation_context

aim646 representation_context

4.2.327 representation_item

aim647 representation_item

4.2.328 representation_item_relationship

aim648 representation_item_relationship

aim649 representation_item_relationship with description not present

aim650 representation_item_relationship with description

4.2.329 representation_map

aim651 representation_map

4.2.330 representation_relationship

aim652 representation_relationship

aim653 representation_relationship with description not present

aim654 representation_relationship with description

4.2.331 revolved_face_solid

aim655 revolved_face_solid

4.2.332 right-angular_wedge

aim656 right-angular_wedge

4.2.333 right_circular_cone

aim657 right_circular_cone

4.2.334 right_circular_cylinder

aim658 right_circular_cylinder

4.2.335 role_association

aim659 role_association

4.2.336 seam_curve

aim660 seam_curve

4.2.337 security_classification

aim661 security_classification

4.2.338 security_classification_level

aim662 security_classification_level

4.2.339 serial_numbered_effectivity

aim663 serial_numbered_effectivity

aim664 serial_numbered_effectivity with effectivity_end_id not present

aim665 serial_numbered_effectivity with effectivity_end_id

4.2.340 shape_aspect

aim666 shape_aspect

aim667 shape_aspect with description not present

aim668 shape_aspect with description

4.2.341 shape_aspect_relationship

aim669 shape_aspect_relationship

aim670 shape_aspect_relationship with description not present

aim671 shape_aspect_relationship with description

4.2.342 shape_representation

aim672 shape_representation

4.2.343 shell_based_surface_model

aim673 shell_based_surface_model

aim674 shell_based_surface_model with sbsm_boundary of one element

aim675 shell_based_surface_model with sbsm_boundary of many elements

4.2.344 shell_based_wireframe_model

aim676 shell_based_wireframe_model

aim677 shell_based_wireframe_model with sbwm_boundary of one element

aim678 shell_based_wireframe_model with sbwm_boundary of many elements

4.2.345 shell_based_wireframe_shape_representation

aim679 shell_based_wireframe_shape_representation

4.2.346 si_unit

aim680 si_unit

aim681 si_unit with prefix not present

aim682 si_unit with prefix

4.2.347 solid_angle_measure_with_unit

aim683 solid_angle_measure_with_unit

4.2.348 solid_angle_unit

aim684 solid_angle_unit

4.2.349 solid_replica

aim685 solid_replica

4.2.350 specified_higher_usage_occurrence

aim686 specified_higher_usage_occurrence

4.2.351 sphere

aim687 sphere

4.2.352 spherical_surface

aim688 spherical_surface

4.2.353 styled_item

aim689 styled_item

aim690 styled_item with styles of one element

aim691 styled_item with styles of many elements

4.2.354 surface_curve

aim692 surface_curve

aim693 surface_curve with associated_geometry of one element

aim694 surface_curve with associated_geometry of two elements

4.2.355 surface_of_linear_extrusion

aim695 surface_of_linear_extrusion

4.2.356 surface_of_revolution

aim696 surface_of_revolution

4.2.357 surface_patch

aim697 surface_patch

aim698 surface_patch with u_sense = TRUE

aim699 surface_patch with u_sense = FALSE

aim700 surface_patch with v_sense = TRUE

aim701 surface_patch with v_sense = FALSE

4.2.358 surface_rendering_properties

aim702 surface_rendering_properties

4.2.359 surface_replica

aim703 surface_replica

4.2.360 surface_side_style

aim704 surface_side_style

aim705 surface_side_style with styles of one element

aim706 surface_side_style with styles of many elements

4.2.361 surface_style_boundary

aim707 surface_style_boundary

4.2.362 surface_style_control_grid

aim708 surface_style_control_grid

4.2.363 surface_style_fill_area

aim709 surface_style_fill_area

4.2.364 surface_style_parameter_line

aim710 surface_style_parameter_line

aim711 surface_style_parameter_line with direction_counts of one element

aim712 surface_style_parameter_line with direction_counts of two element

4.2.365 surface_style_reflectance_ambient

aim713 surface_style_reflectance_ambient

4.2.366 surface_style_reflectance_ambient_diffuse

aim714 surface_style_reflectance_ambient_diffuse

4.2.367 surface_style_reflectance_ambient_diffuse_specular

aim715 surface_style_reflectance_ambient_diffuse_specular

4.2.368 surface_style_rendering

aim716 surface_style_rendering

4.2.369 surface_style_rendering_with_properties

aim717 surface_style_rendering_with_properties

aim718 surface_style_rendering_with_properties with properties of one element

aim719 surface_style_rendering_with_properties with properties of two elements

4.2.370 surface_style_segmentation_curve

aim720 surface_style_segmentation_curve

4.2.371 surface_style_silhouette

aim721 surface_style_silhouette

4.2.372 surface_style_transparent

aim722 surface_style_transparent

4.2.373 surface_style_usage

aim723 surface_style_usage

4.2.374 text_literal

aim724 text_literal

4.2.375 text_style

aim725 text_style

4.2.376 text_style_for_defined_font

aim726 text_style_for_defined_font

4.2.377 thermodynamic_temperature_measure_with_unit

aim727 thermodynamic_temperature_measure_with_unit

4.2.378 thermodynamic_temperature_unit

aim728 thermodynamic_temperature_unit

4.2.379 time_measure_with_unit

aim729 time_measure_with_unit

4.2.380 time_unit

aim730 time_unit

4.2.381 toroidal_surface

aim731 toroidal_surface

4.2.382 torus

aim732 torus

4.2.383 trimmed_curve

aim733 trimmed_curve

aim734 trimmed_curve with trim_1 of one element

aim735 trimmed_curve with trim_1 of two elements

aim736 trimmed_curve with trim_2 of one element

aim737 trimmed_curve with trim_2 of two elements

aim738 trimmed_curve with sense_agreement = TRUE

aim739 trimmed_curve with sense_agreement = FALSE

4.2.384 type_qualifier

aim740 type_qualifier

4.2.385 uniform_curve

aim741 uniform_curve

4.2.386 uniform_surface

aim742 uniform_surface

4.2.387 vector

aim743 vector

4.2.388 vertex

aim744 vertex

4.2.389 vertex_loop

aim745 vertex_loop

4.2.390 vertex_point

aim746 vertex_point

4.2.391 vertex_shell

aim747 vertex_shell

4.2.392 view_volume

aim748 view_volume

aim749 view_volume with front_plane_clipping = TRUE

aim750 view_volume with front_plane_clipping = FALSE

aim751 view_volume with back_plane_clipping = TRUE

aim752 view_volume with back_plane_clipping = FALSE

aim753 view_volume with view_volume_sides_clipping = TRUE

aim754 view_volume with view_volume_sides_clipping = FALSE

4.2.393 volume_measure_with_unit

aim755 volume_measure_with_unit

4.2.394 volume_unit

aim756 volume_unit

4.2.395 wire_shell

aim757 wire_shell

aim758 wire_shell with wire_shell_extent of one element

aim759 wire_shell with wire_shell_extent of many elements

4.3 Implementation method test purposes

The following test purpose is derived from requirements in ISO 10303-21 and applies to preprocessors only.

other1 The IUT correctly encodes the AIM schema name in the exchange structure.

The following test purposes are derived from requirements in ISO 10303-21 and apply to postprocessors only.

other2 The IUT interprets the ISO 10303-21 header section present in the exchange structure.

other3 The IUT interprets the ISO 10303-21 SCOPE and EXPORT constructs present in the exchange structure.

other4 The IUT interprets the ISO 10303-21 user-defined entity constructs present in the exchange structure.

other5 The IUT interprets various representations of numbers present in the exchange structure in accordance with ISO 10303-21.

other6 The IUT interprets various sequences of symbols present in the exchange structure in accordance with ISO 10303-21.

4.4 Domain test purposes

The following test purposes are derived from alternative mappings for application elements that are specified in clause 5.1 (mapping table) of ISO 10303-232. The test purposes apply to both preprocessors and postprocessors.

other7 Alternate_item that is a substitute with no concern for whether the item or the substitute is used in an assembly context.

other8 Alternate_item that is a substitute with concern for whether the item or the substitute is used in an assembly context.

other9 Alternate_item that is an alternate with one-for-one substitution and that allows for two-way substitution in a particular assembly context.

other10 Approval with a single person signoff.

other11 Approval with a multiple person signoff using AIM ENTITY approval_relationship.

other12 Change_identification with a single issue or sequence value.

other13 Change_identification with explicit relationships between many issue or sequence values using AIM ENTITY product_definition_formation_relationship.

other14 Change_identification with revision_level specified for an Item or a Tdp_element.

other15 Change_identification with revision_level specified for a File.

other16 Company_code with both type_of_code and code_administrator not present.

other17 Company_code with one of: more than one code or type_of_code or code_administrator.

other18 Configuration with preparing_contracts applied to a document representation.

other19 Configuration with preparing_contracts applied to a version of an item or a version of a document.

other20 Configuration with end_item_system_designation when the Configuration is for an item/part.

other21 Configuration with end_item_system_designation when the Configuration is for a group of product data/document and the usage context within the configuration item is required.

other22 Configuration with end_item_system_designation when the Configuration is for a group of product data/document but the usage context within the configuration item is not required.

other23 Data_definition_entry_item with entry_files that is managed through the item.

other24 Data_definition_entry_item with entry_files that is just referenced by the item.

other25 Data_definition_entry_item with entry_files that defines the shape the item.

other26 Data_list_entry that is an AP 232 identified drawing, externally defined drawing, AP 232 identified sheet, externally defined sheet, Other_list, Parts_list, Product_data_set, Data_list or Reference_document.

other27 Data_list_entry that is an AP 202 defined drawing.

other28 Data_list_entry that is an AP 202 defined sheet.

other29 Drawing that is identified within AP 232.

other30 Drawing that is identified as an AP 201 or AP 202 exchange within an AP 232 exchange.

other31 Drawing and Sheet that are identified within AP 232.

other32 Drawing that is identified within AP 232 and Sheet that is identified as an AP 201 or AP 202 exchange within an AP 232 exchange.

other33 Drawing that is defined as an AP 201 or AP202 exchange and the Sheet is identified within AP 232.

other34 Effectivity for a part when the next higher part is known.

other35 Effectivity for a part when the next higher part is not known.

other36 Foreign_defined_item is component_of for an Item_list that is an assembly where the Foreign_defined_item is identified on the assembly drawing but not defined there.

other37 Foreign_defined_item is component_of for an Item_list that is not an assembly and the Foreign_defined_item is just a member of the group of parts listed on the Item_list for some business reason.

other38 Item with conditions_defined_through_constrained_document with multiple constraint parameters that are applied together.

other39 Item with conditions_defined_through_constrained_document with a single constraint parameter applied independently.

other40 Item_identification with alternate_identifications for version to version identification such as for supplied parts.

other41 Item_identification with alternate_identifications that is not version dependent.

other42 Item_list for a part or assembly and does not identify the drawing or document that the part or assembly is represented on.

other43 Item_list for a part or assembly and the Item_list_drawing is identified for the part or assembly.

other44 Item_list is for an Item_list_drawing and no part or assembly is identified on the Item_list_drawing.

other45 Item_usage is component_of for an Item_list that is for a part or assembly.

other46 Item_usage is component_of for an Item_list that is for an Item_list_drawing and no part or assembly is identified on the Item_list_drawing.

other47 Item_usage is interchange_item for an Alternate_item.

other48 List_item_usage in which the Item_usage is component_of for an Item_list that is for a part or assembly.

other49 List_item_usage in which the Item_usage is component_of for an Item_list_drawing and no part or assembly is identified on the Item_list_drawing.

other50 Locally_defined_item is component_of for an Item_list that is an assembly where the Locally_defined_item is identified on the assembly drawing but not defined there. The component part is defined on another drawing.

other51 Locally_defined_item is component_of for an Item_list that is an assembly where the Locally_defined_item is identified and defined on the assembly drawing.

other52 Locally_defined_item is component_of for an Item_list that is not an assembly and the Locally_defined_item is just a member of the group of parts listed on the Item_list for some business reason.

other53 Product_presentation as a general capability.

other54 Product_presentation for use with AIC 517.

other55 Shape_model as edge_based_wireframe_shape_representation.

other56 Shape_model as shell_based_wireframe_shape_representation.

other57 Shape_model as geometrically_bounded_2d_wireframe_shape_representation.

other58 Shape_model as geometrically_bounded_surface_shape_representation.

other59 Shape_model as non-manifold_surface_shape_representation.

other60 Shape_model as manifold_surface_shape_representation.

- other61 Shape_model as geometrically_bounded_wireframe_surface_shape_representation.
- other62 Shape_model as advanced_face.
- other63 Shape_model as faceted_brep_shape_representation.
- other64 Shape_model as elementary_brep_shape_representation.
- other65 Shape_model as advanced_brep_shape_representation.
- other66 Shape_model as csg_shape_representation.
- other67 Shape_model as shape_representation.
- other68 Sheet that is identified within AP 232.
- other69 Sheet that is defined as an AP 202 exchange within the same file.
- other70 System_declaration when system operating_system, creating_interface, and system_related_element_identifier are needed.
- other71 System_declaration when system operating_system, creating_interface, and system_related_element_identifier are not needed.
- other72 Weight expressed in SI units.
- other73 Weight not expressed in SI units.

5 General test purposes and verdict criteria

General test purposes are statements of requirements that apply to all abstract test cases, all preprocessor abstract test cases, or all postprocessor abstract test cases. General verdict criteria are the means for evaluating whether the general test purposes are met. General verdict criteria shall be evaluated as a part of every executable test case to which they apply. Each general verdict criterion includes a reference to its associated test purpose.

5.1 General test purposes

The following are the general test purposes for this part of ISO 10303:

- g1 The output of an IUT shall preserve all the semantics defined by the input model according to the reference paths specified in the mapping table defined in clause 5 of ISO 10303-232.
- g2 The output of a preprocessor shall conform to the implementation method to which the IUT claims conformance.
- g3 The instances in the output of a preprocessor shall be encoded according to the AIM EXPRESS long form and mapping table as defined in Annex A and clause 5 of ISO 10303-232.

g4 A postprocessor shall accept input data which is encoded according to the implementation method to which the IUT claims conformance.

g5 A postprocessor shall accept input data structured according to the AIM EXPRESS long form and the mapping table as defined in clause 5 of ISO 10303-232.

5.2 General verdict criteria for all abstract test cases

The following verdict criteria apply to all abstract test cases contained in this part of ISO 10303:

gvc1 The semantics of the input model are preserved in the output of the IUT according to the reference paths specified in the mapping table defined in clause 5 of ISO 10303-232 (g1).

5.3 General verdict criteria for preprocessor abstract test cases

The following verdict criteria apply to all preprocessor abstract test cases contained in this part of ISO 10303:

gvc2 The output of a preprocessor conforms to the implementation method to which the IUT claims conformance (g2).

gvc3 The instances in the output of a preprocessor are encoded according to the AIM EXPRESS long form and mapping table as defined in Annex A and clause 5 of ISO 10303-232 (g3).

5.4 General verdict criteria for postprocessor abstract test cases

The following verdict criteria apply to all postprocessor abstract test cases contained in this part of ISO 10303:

gvc4 The postprocessor accepts input data which is encoded according to the implementation method to which the IUT claims conformance (g4).

gvc5 The postprocessor accepts input data which is structured according to the AIM EXPRESS long form and mapping table as defined in Annex A and clause 5 of ISO 10303-224 (g5)

6 Abstract test cases

This clause specifies the abstract test cases for this part of ISO 10303. Each abstract test case addresses one or more test purposes from clause 4. All the test purposes addressed by the test case are referenced either explicitly, in the test purposes covered sections, or indirectly, through the verdicted rows of the preprocessor input specification table.

The abstract test cases are organized by conformance class of ISO 10303-232. The title for an abstract test case signifies the type of TDP element (document) that is being tested and, in some cases, an indication of a particular condition that is being tested within the type of document. All abstract test case names are unique within this part of ISO 10303.

Each abstract test case has a subclause for the preprocessor test information and a subclause for each postprocessor input specification and related test information. The preprocessor and postprocessor input specifications are mirror images of each other, i.e. they represent the same semantic information. The preprocessor input model is presented in the form of a table with five columns:

- The Id column is used to reference application objects for assertions and categorisations. It uses the same identifier as the test purpose associated with the application element in that row of the table.
- The V column specifies whether, or not, the element in that row of the table is verdicted in this test case. A blank indicates it is not assigned a verdict in this test case. A '*' indicates that it is assigned a verdict using a derived verdict criterion. The derived verdict criteria determine whether the semantics associated with the application element are preserved in the output of the IUT according to the reference paths specified in the mapping table defined in clause 5 of the AP. A number in the V column references a specific verdict criterion defined in the verdict criteria section that follows the preprocessor input specification table.
- The Application Elements column identifies the particular application element instance that is being defined by the table. For assertions the role is specified in parenthesis.
- The Value column specifies a specific value for the application element. For application objects and attributes the value column defines the semantic value for that element's instance in the input model. A "#<number>" in the column is a reference to an entity instance name in the postprocessor input specification where the corresponding value is specified. For assertions, this column holds a link to the related application object. A "<not_present>" indicates that the application element is not present in the input model.

NOTE 1 In some cases conditions specified in the mapping table require that more than one value be specified in the Value column. For example, in addition to the AIM element that provides the primary mapping for an application object, additional AIM elements and specific values for attributes of the AIM elements must be present in order to fully represent the application object. In such cases, additional "#<number>" values are specified in the Value column, along with any required attribute values, to refer to the entity instances in the postprocessor input specification.

NOTE 2 In the case of assertions, the mapping table may also specify constraints that take the form of additional AIM elements and values for attributes that must be present. In such cases, in addition to the link to the related application object, "#<number>" values are specified in the Value column, along with the required attribute values, to refer to the entity instances in the postprocessor input specification.

- The Req column specifies whether the value in the Value column is mandatory (M), suggested (S) or constrained (C<n>) where 'n' is an integer referencing a note that follows the table. A suggested value may be changed by a test realiser. A mandatory value may not be changed due to rules in EXPRESS, rules in the mapping table, or the requirements of the test purpose being assigned a verdict. Each constrained value references a note labelled C<number> at the end of the preprocessor input model table and may be modified according to specific constraints specified in it.

The postprocessor input specifications are defined using ISO 10303-21. The values in the postprocessor specifications are suggested unless declared mandatory or constrained by the preprocessor input table.

The abstract test case specifies all the verdict criteria that are used to assign a verdict during testing. Special verdict criteria for preprocessor and postprocessor testing are defined explicitly in each abstract test case subclause. The relevant derived verdict criteria for preprocessor and postprocessor testing are identified in the V column of the preprocessor input table.

6.1 1UoF_DDE_for_Files

The purpose of this test case is to test the UoF data_definition_exchange for files with the minimum of information as determined by application element Data_definition_exchange and its related, nonoptional application elements. From among the optional attributes of application object Configuration, this test case uses preparing_contracts and related application object Contract.

6.1.1 Preprocessor

6.1.1.1 Test purposes covered

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any), whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following general test purposes are covered: g1, g2, and g3.

The following other test purposes are covered: other1 and other19.

6.1.1.2 Input specification

Table 1 - Application elements for 1UoF_DDE_for_Files

Id	V	Application Elements	Value	Req
@134	*	Company	#10	M
@135	*	Company.address	<not_present>	M
@137	*	Company.name	#10,'The Errorspace Company'	S
@144	*	Design_authority to Company (design_activity_identification)	@445	M
@164	*	Configuration	#11	M
@165	*	Configuration.data_usage_rights	<not_present>	M
@167	*	Configuration to Distribution_notice (distribution_authorizations)	<not_present>	M
@170	*	Configuration to Product_configuration (end_item_system_designation)	<not_present>	M

Id	V	Application Elements	Value	Req
@173	*	Configuration to Contract (preparing_contracts)	@189, #21, #22, #24, 'preparing contract'	M
@175	*	Configuration to Release_authentication (release_authorizations)	<not_present>	M
@178	*	Configuration to Security_classification (security_identifications)	<not_present>	M
@181	*	Header_configuration_with_element_identification to Configuration (data_configuration)	@722	M
@189	*	Contract	#19	M
@190	*	Contract.contract_number	#19, 'cn1'	S
@191	*	Contract.contract_data_requirements	<not_present>	M
@193	*	Contract.data_item_description_identification	<not_present>	M
@197	*	Configuration to Contract (preparing_contracts)	@173	M
@293	*	Data_definition_exchange	#26, #27, #28, 'document', #30, #29, 'data definition exchange'	M
@294	*	Data_definition_exchange to Data_definition_exchange_body (list_body)	@298	M
@295	*	Data_definition_exchange to Data_definition_exchange_header (list_header)	@309	M
@296	*	Data_definition_exchange to List_presentation (presentation)	<not_present>	M
@298	*	Data_definition_exchange_body	#35, 'data definition exchange content'	M
@301	*	Data_definition_exchange_body to Simple_list_of_files (list_method)	@1411, #31, #32, #33, 'configuration controlled document <u>definition</u> '	M
@302	*	Data_definition_exchange_body to Notation (notes_list)	<not_present>	M
@305	*	Data_definition_exchange_body to Revision (revision_history)	<not_present>	M
@308	*	Data_definition_exchange to Data_definition_exchange_body (list_body)	@294	M
@309	*	Data_definition_exchange_header	#11, 'data definition exchange header'	M

Id	V	Application Elements	Value	Req
@310	*	Data_definition_exchange_header to Header (common_header)	@688	M
@311	*	Data_definition_exchange_header to Date (date_of_transfer)	<not_present>	M
@313	*	Data_definition_exchange_header to Delivery_accounting (delivery_accounting_references)	<not_present>	M
@316	*	Data_definition_exchange_header to System_destination (destinations)	<not_present>	M
@319	*	Data_definition_exchange_header to Reason (exchange_reason)	@1265	M
@320	*	Data_definition_exchange_header to identification_select (procurement_references)	<not_present>	M
@325	*	Data_definition_exchange to Data_definition_exchange_header (list_header)	@295	M
@444	*	Design_authority	#37	M
@4442	*	Design_authority.role	#38, 'id owner'	M
@445	*	Design_authority to Company (design_activity_identification)	@134	M
@446	*	Design_authority to Company_code (design_activity_code)	<not_present>	M
@448	*	Design_authority to Person (person_responsible)	<not_present>	M
@454	*	Element_identification to Design_authority (design_activities)	@509	M
@503	*	Element_identification	#26, #27, #28, 'document'	M
@504	*	Element_identification.identifying_number	#27,'DDE-1'	S
@505	*	Element_identification.title	<not_present>	M
@507	*	Element_identification to Change_identification (change_status)	<not_present>	M
@509	*	Element_identification to Design_authority (design_activities)	@444	M
@510	*	Element_identification to Element_type (element_classifications)	<not_present>	M

Id	V	Application Elements	Value	Req
@513	*	Element_identification to Other_reference_document (outstanding_changes)	<not_present>	M
@526	*	Header_configuration_with_element_identification to Element_identification (identification)	@723	M
@627	*	File (as Exchange_file)	#39, #12, 'exchange entry property'	M
@629	*	File.context_file_name	<not_present>	M
@632	*	File.native_format_file_name	#39, 'AbsoluteMinimumPL.stp'	S
@633	*	File to Change_identification (change_status)	<not_present>	M
@635	*	File to File_format(context_file_format)	<not_present>	M
@637	*	File to Distribution_notice (distribution_authorizations)	<not_present>	M
@640	*	File to Security_classification (security_identifications)	<not_present>	M
@643	*	File to Size_characteristics (size)	<not_present>	M
@645	*	File to System_declaration (source_system)	<not_present>	M
@558	*	Exchange_file	#39, 'exchange data file', #34, 'digital file'	M
@559		Exchange_file.included_in_exchange	#12, 'electronic data file characteristics', #14, #16, 'include flag', #18, 'already delivered'	M
@571		Exchange_file to System_declaration (destination_system)	<not_present>	M
@577	*	Simple_list_of_files to Exchange_file (file_entries)	@1413	M
@688	*	Header	#11	M
@689	*	Header.document_abstract	<not_present>	M
@691	*	Header.document_keywords	<not_present>	M
@694	*	Header.languages	<not_present>	M
@697	*	Header.sheet_count	<not_present>	M

Id	V	Application Elements	Value	Req
@699	*	Header to Header_configuration_with_element_identification (header_configuration)	@721	M
@700	*	Header to Size_characteristics_full_size (size_of_sheet)	<not_present>	M
@702	*	Data_definition_exchange_header to Header (common_header)	@310	M
@721	*	Header_configuration_with_element_identification	#11	M
@722	*	Header_configuration_with_element_identification to Configuration (data_configuration)	@164	M
@723	*	Header_configuration_with_element_identification to Element_identification (identification)	@503	M
@726	*	Header to Header_configuration_with_element_identification (header_configuration)	@699	M
@1265	*	Reason	#11	M
@1266	*	Reason.base	<not_present>	M
@1279	*	Reason.exchange_purpose	#13, #15, 'exchange reason', #17, ('exchange purpose', 'ABSTRACT TEST SUITE')	C1
@1283	*	Data_definition_exchange_header to Reason (exchange_reason)	@319	M
@1411	*	Simple_list_of_files	#41, #23, #25, 'list of files'	M
@1413	*	Simple_list_of_files to Exchange_file (file_entries)	@558	M
@1416	*	Data_definition_exchange_body to Simple_list_of_files (list_method)	@301	M

6.1.1.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc2, and gvc3.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following preprocessor-specific verdict criteria apply:

6.1.1.4 Constraints on values

The following constraints apply as referenced in the input specification table:

c1: The value 'ABSTRACT TEST SUITE' is suggested; all other attribute values are mandatory.

6.1.2 Postprocessor

6.1.2.1 Test purpose coverage

The following general test purposes are covered: g1, g4, and g5.

The following other test purposes are covered: other2, other5, and other6.

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any) whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following AIM test purposes are covered:

@aim53, @aim54, @aim58, @aim72, @aim454, @aim455, @aim467, @aim471, @aim475, @aim564, @aim565, @aim567, @aim569, @aim570, @aim572, @aim573, @aim579, @aim580, @aim582, @aim583, @aim589, @aim590, @aim611, @aim612, @aim618, @aim619, @aim659, ...

6.1.2.2 Input specification

The postprocessor input specification is provided in electronic form only. See annex C.

6.1.2.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc4, and gvc5.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following specific verdict criteria apply:

6.2 2UoF_DDE_for_TDP_elements

The purpose of this test case is to test the UoF data_definition_exchange for TDP elements with the minimum of information as determined by application element Data_definition_exchange and its related, nonoptional application elements. From among the optional attributes of application object Configuration, this test case uses distribution_authorizations and related application object Distribution_notice.

6.2.1 Preprocessor

6.2.1.1 Test purposes covered:

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any), whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following general test purposes are covered: g1, g2, and g3.

The following other test purposes are covered: other1 and other16.

6.2.1.2 Input specification

Table 2 - Application elements for 2UoF_DDE_for_TDP_elements

Id	V	Application Elements	Value	Req
@626	*	File (as Accessed_file)	#13, 'access data file', #14, 'digital'	M
@629	*	File.context_file_name	<not_present>	M
@632	*	File.native_format_file_name	#13, 'PracticalMinimumPL.stp'	S
@633	*	File to Change_identification (change_status)	<not_present>	M
@635	*	File to File_format(context_file_format)	<not_present>	M
@637	*	File to Distribution_notice (distribution_authorizations)	<not_present>	M
@640	*	File to Security_classification (security_identifications)	<not_present>	M
@643	*	File to Size_characteristics (size)	<not_present>	M
@645	*	File to System_declaration (source_system)	<not_present>	M
@1	*	Accessed_file	#13, 'access data file', #17, 'digital file'	M
@3	*	Accessed_file.path_information	#13, #12, #11, 'access context', #10, 'directory/sub_directory/'	C1
@5	*	Accessed_file.storage_node_identification	#13, #12, file://www.DotCom.com , #11, 'access context'	C2
@8	*	Data_definition_entry_tdp_element to Accessed_file (entry_files)	@274	M
@134	*	Company	#30	M
@135	*	Company.address	<not_present>	M

Id	V	Application Elements	Value	Req
@137	*	Company.name	#30, 'The Errorspace Company'	S
@144	*	Design_authority to Company (design_activity_identification)	@445	M
@146	*	Person_and_organization to Company (organization)	@1196	M
@152	*	Company_code	#30	M
@153	*	Company_code.code	#30, 'ESC'	S
@154	*	Company_code.type_of_code	<not_present>	M
@156	*	Company_code to Company (code_administrator)	<not_present>	M
@158	*	Design_authority to Company_code (design_activity_code)	@447	M
@164	*	Configuration	#44	M
@165	*	Configuration.data_usage_rights	<not_present>	M
@168	*	Configuration to Distribution_notice (distribution_authorizations)	@458, #24, #27, #47, 'distribution notice'	M
@170	*	Configuration to Product_configuration (end_item_system_designation)	<not_present>	M
@172	*	Configuration to Contract (preparing_contracts)	<not_present>	M
@175	*	Configuration to Release_authentication (release_authorizations)	<not_present>	M
@178	*	Configuration to Security_classification (security_identifications)	<not_present>	M
@181	*	Header_configuration_with_element_identification to Configuration (data_configuration)	@722	M
@239	*	Data_definition_entry_tdp_element	#46, #38, 'data definition entry'	M
@240	*	Data_definition_entry_tdp_element.actual_inclusion_in_data_exchange	<not_present>	M
@253	*	Data_definition_entry_tdp_element.data_usage_rights	<not_present>	M
@255	*	Data_definition_entry_tdp_element.entry_format	<not_present>	M
@258		Data_definition_entry_tdp_element.entry_item_change_level	<not_present>	M
@261	*	Data_definition_entry_tdp_element.master_file	<not_present>	M

Id	V	Application Elements	Value	Req
@265		Data_definition_entry_tdp_element to source_identification (available_from)	<not_present>	M
@270	*	Data_definition_entry_tdp_element to Delivery_accounting (delivery_accounting_references)	<not_present>	M
@274	*	Data_definition_entry_tdp_element to Accessed_file (entry_files)	@1	M
@278	*	Data_definition_entry_tdp_element to Notation (entry_notes)	<not_present>	M
@281	*	Data_definition_entry_tdp_element to Size_characteristics (size)	<not_present>	M
@283	*	Data_definition_entry_tdp_element to Special_conditions (special_conditions)	<not_present>	M
@286	*	Data_definition_entry_tdp_element to Element_identification (superseded_entry)	<not_present>	M
@289	*	Data_definition_exchange_simple_entry to Data_definition_entry_tdp_element (entry)	@327	M
@293	*	Data_definition_exchange	#32, #39, #41, 'document', #43, #42, 'data definition exchange'	M
@294	*	Data_definition_exchange to Data_definition_exchange_body (list_body)	@298	M
@295	*	Data_definition_exchange to Data_definition_exchange_header (list_header)	@309	M
@296	*	Data_definition_exchange to List_presentation (presentation)	<not_present>	M
@298	*	Data_definition_exchange_body	#44, 'data definition exchange content'	M
@300	*	Data_definition_exchange_body to Simple_list_of_elements (list_method)	@1406, #19, #18, #16, 'configuration controlled document <u>definition</u> '	M
@302	*	Data_definition_exchange_body to Notation (notes_list)	<not_present>	M
@305	*	Data_definition_exchange_body to Revision (revision_history)	<not_present>	M
@308	*	Data_definition_exchange to Data_definition_exchange_body (list_body)	@294	M
@309	*	Data_definition_exchange_header	#45, 'data definition exchange header'	M

Id	V	Application Elements	Value	Req
@310	*	Data_definition_exchange_header to Header (common_header)	@688	M
@311	*	Data_definition_exchange_header to Date (date_of_transfer)	<not_present>	M
@313	*	Data_definition_exchange_header to Delivery_accounting (delivery_accounting_references)	<not_present>	M
@316	*	Data_definition_exchange_header to System_destination (destinations)	<not_present>	M
@319	*	Data_definition_exchange_header to Reason (exchange_reason)	@1265	M
@320	*	Data_definition_exchange_header to identification_select (procurement_references)	<not_present>	M
@325	*	Data_definition_exchange to Data_definition_exchange_header (list_header)	@295	M
@326	*	Data_definition_exchange_simple_entry	#33, #40, #41, 'document'	M
@327	*	Data_definition_exchange_simple_entry to Data_definition_entry_tdp_element (entry)	@239	M
@328	*	Data_definition_exchange_simple_entry to Element_identification (simple_entry)	@503.2	M
@329	*	Simple_list_of_elements to Data_definition_exchange_simple_entry (element_entries)	@1407	M
@444	*	Design_authority	#29	M
@4442	*	Design_authority.role	#31, 'id owner'	M
@445	*	Design_authority to Company (design_activity_identification)	@134	M
@447	*	Design_authority to Company_code (design_activity_code)	@152	M
@448	*	Design_authority to Person (person_responsible)	<not_present>	M
@455	*	Element_identification to Design_authority (design_activities)	@509.1, @509.2	M
@458	*	Distribution_notice	#22	M
@459	*	Distribution_notice.distribution_code	<not_present>	M
@461	*	Distribution_notice.distribution_statement	<not_present>	M

Id	V	Application Elements	Value	Req
@464	*	Distribution_notice to Person_and_organization (distribution_authority)	@1190, #22, #23, 'distribution authorization'	M
@465	*	Configuration to Distribution_notice (distribution_authorizations)	@168	M
@503.1	*	Element_identification	#32, #39, #41, 'document'	M
@504.1	*	Element_identification.identifying_number	#39,'DDE-2'	S
@505	*	Element_identification.title	<not_present>	M
@507	*	Element_identification to Change_identification (change_status)	<not_present>	M
@509.1	*	Element_identification to Design_authority (design_activities)	@444	M
@510	*	Element_identification to Element_type (element_classifications)	<not_present>	M
@513	*	Element_identification to Other_reference_document (outstanding_changes)	<not_present>	M
@526	*	Header_configuration_with_element_identification to Element_identification (identification)	@723	M
@503.2	*	Element_identification	#33, #40, #41, 'document'	M
@504.2	*	Element_identification.identifying_number	#40,'ABS-MIN-PL-1'	S
@509.2	*	Element_identification to Design_authority (design_activities)	@444	M
@540	*	Data_definition_exchange_simple_entry to Element_identification (simple_entry)	@328	M
@688	*	Header	#45	M
@689	*	Header.document_abstract	<not_present>	M
@691	*	Header.document_keywords	<not_present>	M
@694	*	Header.languages	<not_present>	M
@697	*	Header.sheet_count	<not_present>	M
@699	*	Header to Header_configuration_with_element_identification (header_configuration)	@721	M
@700	*	Header to Size_characteristics_full_size (size_of_sheet)	<not_present>	M

Id	V	Application Elements	Value	Req
@702	*	Data_definition_exchange_header to Header (common_header)	@310	M
@721	*	Header_configuration_with_element_identification	#43	M
@722	*	Header_configuration_with_element_identification to Configuration (data_configuration)	@164	M
@723	*	Header_configuration_with_element_identification to Element_identification (identification)	@503	M
@726	*	Header to Header_configuration_with_element_identification (header_configuration)	@699	M
@1190	*	Person_and_organization	#22	M
@1191	*	Person_and_organization.electronic_mail_address	<not_present>	M
@1193	*	Person_and_organization.person_address	<not_present>	M
@1196	*	Person_and_organization to Company (organization)	@134	M
@1197	*	Person_and_organization to Person (person_identification)	<not_present>	Mj
@1199	*	Distribution_notice to Person_and_organization (distribution_authority)	@464	M
@1265	*	Reason	#45	M
@1266	*	Reason.base	<not_present>	M
@1279	*	Reason.exchange_purpose	#49, #50, 'exchange reason', #52, ('exchange purpose', 'ABSTRACT TEST SUITE')	C3
@1283	*	Data_definition_exchange_header to Reason (exchange_reason)	@319	M
@1406	*	Simple_list_of_elements	#15, #28, #48, 'list of elements'	M
@1407	*	Simple_list_of_elements to Data_definition_exchange_simple_entry (element_entries)	@326	M
@1409	*	Data_definition_exchange_body to Simple_list_of_elements (list_method)	@300	M

6.2.1.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc2, and gvc3.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following preprocessor-specific verdict criteria apply:

6.2.1.4 Constraints on values

The following constraints apply as referenced in the input specification table:

- c1: The value 'directory/sub_directory' is suggested; all other attribute values are mandatory.
- c2: The value 'file://www.DotCom.com' is suggested; all other attribute values are mandatory.
- c3: The value 'ABSTRACT TEST SUITE' is suggested; all other attribute values are mandatory.

6.2.2 Postprocessor

6.2.2.1 Test purpose coverage

The following general test purposes are covered: g1, g4, and g5.

The following other test purposes are covered: other2, other5, and other6.

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any) whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following AIM test purposes are covered:

@aim53, @aim54, @aim58, @aim72, @aim454, @aim455, @aim467, @aim471, @aim475, @aim564, @aim565, @aim567, @aim569, @aim570, @aim572, @aim573, @aim579, @aim580, @aim582, @aim583, @aim589, @aim590, @aim611, @aim612, @aim618, @aim619, @aim659, ...

6.2.2.2 Input specification

The postprocessor input specification is provided in electronic form only. See annex C.

6.2.2.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc4, and gvc5.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following specific verdict criteria apply:

6.3 4UoF_PL1

The goal of this test case is to combine the PDM Implementor Forum Test Cases *pid1*, Minimum Part Master Identification, and *did2*, Document Master Identification in the AP232 UoF Parts List by way of application objects Parts_list and Tdp_element_and_item_association and their related, nonoptional application elements. This test case is designed to include the minimum of information required for a Parts List as defined by the Boeing DCAC program. The part has no component parts in its list, so the Parts List serves only to identify the configuration of the part.

6.3.1 Preprocessor

6.3.1.1 Test purposes covered

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any), whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following general test purposes are covered: g1, g2, and g3.

The following other test purposes are covered: other1, other14, and other42.

6.3.1.2 Input specification

Table 3 - Application elements for 4UoF_PL1

Id	V	Application Elements	Value	Req
@84.1	*	Change_identification	#10, 'change identification'	M
@90.1	*	Change_identification.change_code	#10, 'revision'	M
@92	*	Change_identification.change_description	<not_present>	M
@94	*	Change_identification.change_level	<not_present>	M
@96	*	Change_identification.issue_level	<not_present>	M
@99	*	Change_identification. revision_authorization_identities	#17, '123-456'	S
@101	*	Change_identification.revision_description	<not_present>	M
@103.1	*	Change_identification.revision_level	#13, 'change identification level', #15, ('revision', 'A'), #18, #20, #25, 'change identification', #41, 'A'	C1
@105	*	Change_identification to Status (action_status)	<not_present>	M
@107	*	Change_identification to Date (change_date)	<not_present>	M
@109	*	Change_identification to Date (issue_date)	<not_present>	M
@113	*	Change_identification to Date (revision_date)	<not_present>	M
@119	*	Element_identification to Change_identification (change_status)	@508	M

Id	V	Application Elements	Value	Req
@84.2	*	Change_identification	#11, 'change identification'	M
@90.2	*	Change_identification.change_code	#11, 'revision'	M
@103.2	*	Change_identification.revision_level	#14, 'change identification level', #16, ('revision', 'A'), #19, #21, #25, 'change identification', #42, 'A'	C1
@111	*	Change_identification to Other_reference_document (revision_authorization_identities)	@1119, #28, #24, #27, 'revision authorization identification', #29	M
@123	*	Item_identification to Change_identification (change)	@878	M
@134.1	*	Company	#32	M
@135	*	Company.address	<not_present>	M
@137.1	*	Company.name	#32, 'New Ventures, Inc.'	S
@144.1	*	Design_authority to Company (design_activity_identification)	@445.1	M
@148	*	Release_authentication to Company (release_authority)	@1321	M
@134.2	*	Company	#33	M
@137.2	*	Company.name	#33, 'New Ventures, Inc.'	S
@144.2	*	Design_authority to Company (design_activity_identification)	@445.2	M
@152	*	Company_code	#32	M
@153	*	Company_code.code	#34, '99999'	S
@155	*	Company_code.type_of_code	#35, ('alias id', 'CAGE')	M
@156	*	Company_code to Company (code_administrator)	<not_present>	M
@158	*	Design_authority to Company_code (design_activity_code)	@447	M
@164	*	Configuration	#36	M
@165	*	Configuration.data_usage_rights	<not_present>	M
@167	*	Configuration to Distribution_notice (distribution_authorizations)	<not_present>	M
@170	*	Configuration to Product_configuration (end_item_system_designation)	<not_present>	M

Id	V	Application Elements	Value	Req
@172	*	Configuration to Contract (preparing_contracts)	<not_present>	M
@176	*	Configuration to Release_authentication (release_authorizations)	@1317, #37, #22, #26, 'release authentication'	M
@178	*	Configuration to Security_classification (security_identifications)	<not_present>	M
@181	*	Header_configuration_with_element_identification to Configuration (data_configuration)	@722	M
@397	*	Date	#38	M
@399	*	Date.day	#38, 21	S
@401	*	Date.month	#38, 12	S
@402	*	Date.week	<not_present>	M
@404	*	Date.year	#38, 2000	S
@405	*	Date to Time (specific_time)	<not_present>	M
@423	*	Release_authentication to Date (release_date)	@1324	M
@444.1	*	Design_authority	#39	M
@4442	*	Design_authority.role	#40, 'id owner'	M
@445.1	*	Design_authority to Company (design_activity_identification)	@134.1	M
@447	*	Design_authority to Company_code (design_activity_code)	@152	M
@448	*	Design_authority to Person (person_responsible)	<not_present>	M
@454.1	*	Element_identification to Design_authority (design_activities)	@509.1	M
@444.2	*	Design_authority	#81	M
@4442		Design_authority.role	#82, 'id owner'	M
@445.2	*	Design_authority to Company (design_activity_identification)	@134.2	M
@446	*	Design_authority to Company_code (design_activity_code)	<not_present>	M
@449	*	Design_authority to Person (person_responsible)	@1172	M
@454.2	*	Element_identification to Design_authority (design_activities)	@509.2	M

Id	V	Application Elements	Value	Req
@456	*	Item_identification to Design_authority (design_activity)	@882	M
@503.1	*	Element_identification	#41, #44, #47, 'document'	M
@504.1	*	Element_identification.identifying_number	#44, 'doc_4711'	S
@506	*	Element_identification.title	#44, 'packaging guide'	S
@5061	*	Element_identification to Alternate_element_identification (alternate_identifications)	<not_present>	M
@508	*	Element_identification to Change_identification (change_status)	@84.1, #18, #20, #25, 'change identification'	M
@509.1	*	Element_identification to Design_authority (design_activities)	@444.1	M
@510	*	Element_identification to Element_type (element_classifications)	<not_present>	M
@513	*	Element_identification to Other_reference_document (outstanding_changes)	<not_present>	M
@526	*	Header_configuration_with_element_identification to Element_identification (identification)	@723	M
@503.2	*	Element_identification	#43, #46, #47, 'document'	M
@504.2	*	Element_identification.identifying_number	#46, '95000'	S
@505	*	Element_identification.title	<not_present>	M
@507	*	Element_identification to Change_identification (change_status)	<not_present>	M
@509.2	*	Element_identification to Design_authority (design_activities)	@444.2	M
@511	*	Element_identification to Element_type (element_classifications)	@550	M
@520	*	Other_reference_document to Element_identification (document_identification)	@1288	M
@550	*	Element_type	#52	M
@551	*	Element_type.element_code	#52, 'PRR'	S
@553	*	Element_type.type_of_coding_scheme	#52, 'Change Type'	S
@554	*	Element_type to Company (code_administrator)	<not_present>	M

Id	V	Application Elements	Value	Req
@558	*	Element_identification to Element_type (element_classifications)	@511	M
@688	*	Header	#36	M
@689	*	Header.document_abstract	<not_present>	M
@691	*	Header.document_keywords	<not_present>	M
@694	*	Header.languages	<not_present>	M
@697	*	Header.sheet_count	<not_present>	M
@699	*	Header to Header_configuration_with_element_identification (header_configuration)	@721	M
@700	*	Header to Size_characteristics_full_size (size_of_sheet)	<not_present>	M
@705	*	Parts_list_header to Header (common_header)	@1170	M
@721	*	Header_configuration_with_element_identification	#36	M
@722	*	Header_configuration_with_element_identification to Configuration (data_configuration)	@164	M
@723	*	Header_configuration_with_element_identification to Element_identification (identification)	@503.1	M
@726	*	Header to Header_configuration_with_element_identification (header_configuration)	@699	M
@837.1	*	Item	#60	M
@839	*	Item.item_contexts	#42, #45, #58, 'Production'	S
@841	*	Item to Alternate_item (alternates)	<not_present>	M
@844	*	Item to Reference_document_usage (conditions_defined_through_constrained_document)	<not_present>	M
@847	*	Item to Reference_document (conditions_defined_through_simple_reference)	<not_present>	M
@850.1	*	Item to Item_identification (identification)	@869	M
@851	*	Item to Configuration (item_configuration)	<not_present>	M
@853	*	Item to Weight (item_weight)	<not_present>	M
@855	*	Item to Notation (notes)	<not_present>	M
@858	*	Item to Special_condition (special_conditions)	<not_present>	M

Id	V	Application Elements	Value	Req
@867	*	Tdp_element_and_item_association to Item (related_item)	@1598	M
@837.2	*	Item	#601	M
@838	*	Item.item_contexts	<not_present>	M
@850.2	*	Item to Item_identification (identification)	@869	M
@861	*	Item_usage to Item (being_defined_for)	@956	M
@869	*	Item_identification	#42	M
@870	*	Item_identification.identifying_number	#42, #45, '11111'	S
@873	*	Item_identification.nomenclature_or_name	#42, #45, 'Solid Cube'	S
@874	*	Item_identification to Alternate_identification_of_item (alternate_identifications)	<not_present>	M
@878	*	Item_identification to Change_identification (change)	@84.2, #19, #21, #25, 'change identification'	M
@881	*	Item_identification to Item_type (classifications)	@945.1, @945.2	M
@882	*	Item_identification to Design_authority (design_activity)	@444.2	M
@883	*	Item_identification to Source_information_type (source_information)	<not_present>	M
@897	*	Item to Item_identification (identification)	@850.1, @850.2	M
@898	*	Item_list to Item_identification (list_for)	@921	M
@910	*	Item_list	#60, #65, #64, 'item list'	M
@911	*	Item_list.type_of_component_list	#72, #66, 'made from component list of one'	S
@918	*	Item_list to Item_usage (component_of)	@955	M
@921	*	Item_list to Item_identification (list_for)	@869	M
@923	*	Parts_list_body to Item_list (parts_tabulations)	@1160	M
@945.1	*	Item_type	#49	M
@946.1	*	Item_type.item_code	#49, 'part'	S
@947	*	Item_type.type_of_coding_scheme	<not_present>	M
@949	*	Item_type to Company (code_administrator)	<not_present>	M
@951.1	*	Item_identification to Item_type (classifications)	@881	M

Id	V	Application Elements	Value	Req
@945.2	*	Item_type	#50	M
@946.2	*	Item_type.item_code	#50, 'detail'	S
@951.2	*	Item_identification to Item_type (classifications)	@881	M
@955	*	Item_usage (as Locally_defined_item)	#604, 'made from stock'	M
@956	*	Item_usage to Item (being_defined_for)	@837.2, #601, #603, #602, 'item in list'	M
@957	*	Item_usage to Effectivity (effective_on)	<not_present>	M
@959	*	Item_usage to List_item_usage (list_item)	<not_present>	M
@961	*	Item_usage to Quantity (quantity_used_in_next_higher_assembly)	<not_present>	M
@963	*	Item_usage to Retrofit_usage (retrofit)	<not_present>	M
@965	*	Item_usage to Special_conditions (special_conditions)	<not_present>	M
@968	*	Item_list to Item_usage (component_of)	@918	M
@1012	*	Locally_defined_item (as Made_from_stock_material)	#604	M
@1018	*	Made_from_stock_material	#604	M
@1285	*	Reference_document (as Other_reference_document)	#43, #46, #47, 'document', #55, #51, 'reference document'	M
@1288	*	Reference_document to Element_identification (document_identification)	@503.2	M
@1119	*	Other_reference_document	#43, #46, #47, 'document', #63, #68, #71, 'reference document'	M
@1128	*	Change_identification to Other_reference_document (revision_authorization_identifications)	@111	M
@1591	*	Tdp_element (as Associated_list)	#41, #44, #47, 'document', #53, #48, 'parts list'	M
@1595	*	Tdp_element_and_item_association to Tdp_element (related_tdp_element)	@1597	M
@71	*	Associated_list (as Parts_list)	#41, #44, #48, 'parts list'	M
@72	*	Associated_list to List_presentation (presentation)	<not_present>	M
@74	*	Associated_list to drawing_or_product_data_set (related_to)	<not_present>	M

Id	V	Application Elements	Value	Req
@1153	*	Parts_list	#41, #44, #47, 'document', #53, #48, 'parts list'	M
@1154	*	Parts_list to Parts_list_body (list_body)	@1156	M
@1155	*	Parts_list to Parts_list_header (list_header)	@1169	M
@1156	*	Parts_list_body	#62, 'parts list body'	M
@1157	*	Parts_list_body to Notation (list_notes)	<not_present>	M
@1160	*	Parts_list_body to Item_list (parts_tabulations)	@910, #74, 'parts tabulation'	M
@1162	*	Parts_list_body to Tdp_element_list_item (referenced_tdp_elements)	<not_present>	M
@1165	*	Parts_list_body to Revision (revision_history)	<not_present>	M
@1168	*	Parts_list to Parts_list_body (list_body)	@1154	M
@1169	*	Parts_list_header	#36, 'parts list header'	M
@1170	*	Parts_list_header to Header (common_header)	@688	M
@1171	*	Parts_list to Parts_list_header (list_header)	@1155	M
@1172	*	Person	#84	M
@1174	2	Person.first_name	#84, 'Pete'	S
@1176	2	Person.last_name	#84, 'Moss'	S
@1177	*	Person.middle_name	<not_present>	M
@1179	*	Person.title	<not_present>	M
@1181	*	Person.unique_identifier	#84, '333-003'	S
@1184	*	Design_authority to Person (person_responsible)	@449	M
@1317	*	Release_authentication	#76	M
@1318	*	Release_authentication.authentication	#77, 'Approved'	S
@1319	*	Release_authentication to Person (person_responsible)	<not_present>	M
@1321	*	Release_authentication to Company (release_authority)	@134.1, #78, #79, 'release authentication'	M
@1322	*	Release_authentication to Company_code (release_authority_code)	<not_present>	M
@1324	*	Release_authentication to Date (release_date)	@397, #80, #23, #26, 'release authentication'	M

Id	V	Application Elements	Value	Req
@1325	*	Configuration to Release_authentication (release_authorizations)	@176	M
@1597	*	Tdp_element_and_item_association	#75	M
@1598	*	Tdp_element_and_item_association to Item (related_item)	@837.1	M
@1599	*	Tdp_element_and_item_association to Tdp_element (related_tdp_element)	@1595	M

6.3.1.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc2, and gvc3.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following preprocessor-specific verdict criteria apply:

6.3.1.4 Constraints on values

The following constraints apply as referenced in the input specification table:

C1: The value 'A' is suggested; all other attribute values are mandatory.

6.3.2 Postprocessor

6.3.2.1 Test purpose coverage

The following general test purposes are covered: g1, g4, and g5.

The following other test purposes are covered: other2, other5, and other6.

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any) whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following AIM test purposes are covered:

@aim53, @aim54, @aim58, @aim72, @aim454, @aim455, @aim467, @aim471, @aim475, @aim564, @aim565, @aim567, @aim569, @aim570, @aim572, @aim573, @aim579, @aim580, @aim582, @aim583, @aim589, @aim590, @aim611, @aim612, @aim618, @aim619, @aim659, ...

6.3.2.2 Input specification

The postprocessor input specification is provided in electronic form only. See annex C.

6.3.2.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc4, and gvc5.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following specific verdict criteria apply:

6.4 4UoF_PL2

The goal of this test case is to adapt the PDM Implementor Form Test Case *ps1*, Basic Assembly Part Structure, to the AP232 UoF Parts List.

6.4.1 Preprocessor

6.4.1.1 Test purposes covered:

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any), whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following general test purposes are covered: g1, g2, and g3.

The following other test purposes are covered: other1, other14, and other42.

6.4.1.2 Input specification

Table 4 - Application elements for 4UoF_PL2

Id	V	Application Elements	Value	Req
@84.1	*	Change_identification	#10, 'change identification'	M
@90.1	*	Change_identification.change_code	#10, 'revision'	M
@92	*	Change_identification.change_description	<not_present>	M
@94	*	Change_identification.change_level	<not_present>	M
@96	*	Change_identification.issue_level	<not_present>	M
@99	*	Change_identification. revision_authorization_identities	#17, '123-456'	S
@101	*	Change_identification.revision_description	<not_present>	M
@104.1	*	Change_identification.revision_level	#13, 'change identification level', #15, ('A', 'revision'), #18, #20, #25, 'change identification', #46, 'A'	C1
@105	*	Change_identification to Status (action_status)	<not_present>	M
@107	*	Change_identification to Date (change_date)	<not_present>	M
@109	*	Change_identification to Date (issue_date)	<not_present>	M
@113	*	Change_identification to Date (revision_date)	<not_present>	M
@119	*	Element_identification to Change_identification (change_status)	@508	M

Id	V	Application Elements	Value	Req
@84.2	*	Change_identification	#11, 'change identification'	M
@90.2	*	Change_identification.change_code	#11, 'revision'	M
@104.2	*	Change_identification.revision_level	#14, 'change identification level', #16, ('A', 'revision'), #19, #21, #25, 'change identification', #48, 'A'	C1
@111	*	Change_identification to Other_reference_document (revision_authorization_identities)	@1119, #28, #22, #26, 'revision authorization identification', #29	M
@123	*	Item_identification to Change_identification (change)	@878	M
@134.1	*	Company	#32	M
@135	*	Company.address	<not_present>	M
@137.1	*	Company.name	#32, 'New Ventures, Inc.'	S
@144.1	*	Design_authority to Company (design_activity_identification)	@445.1	M
@148	*	Release_authentication to Company (release_authority)	@1321	M
@134.2	*	Company	#33	M
@137.2	*	Company.name	#33, 'New Ventures, Inc.'	S
@144.2	*	Design_authority to Company (design_activity_identification)	@445.2	M
@134.3	*	Company	#34	M
@137.3	*	Company.name	#34, 'Supplier Industries, Inc.'	S
@144.3	*	Design_authority to Company (design_activity_identification)	@445.3	M
@152	*	Company_code	#32	M
@153	*	Company_code.code	#35, '99999'	S
@155	*	Company_code.type_of_code	#36, ('alias id', 'CAGE')	M
@156	*	Company_code to Company (code_administrator)	<not_present>	M
@158	*	Design_authority to Company_code (design_activity_code)	@447	M
@164	*	Configuration	#37	M

Id	V	Application Elements	Value	Req
@165	*	Configuration.data_usage_rights	<not_present>	M
@167	*	Configuration to Distribution_notice (distribution_authorizations)	<not_present>	M
@170	*	Configuration to Product_configuration (end_item_system_designation)	<not_present>	M
@172	*	Configuration to Contract (preparing_contracts)	<not_present>	M
@176	*	Configuration to Release_authentication (release_authorizations)	@1317, #38, #23, #27, 'release authentication'	M
@179	*	Configuration to Security_classification (security_identifications)	@1360	M
@181	*	Header_configuration_with_element_identification to Configuration (data_configuration)	@722	M
@397	*	Date	#39	M
@399	*	Date.day	#39, 21	S
@401	*	Date.month	#39, 12	S
@402	*	Date.week	<not_present>	M
@404	*	Date.year	#39, 2000	S
@405	*	Date to Time (specific_time)	<not_present>	M
@423	*	Release_authentication to Date (release_date)	@1324	M
@444.1	*	Design_authority	#40'	M
@4442	*	Design_authority.role	#42, 'id owner'	M
@445.1	*	Design_authority to Company (design_activity_identification)	@134.1	M
@447	*	Design_authority to Company_code (design_activity_code)	@152	M
@448	*	Design_authority to Person (person_responsible)	<not_present>	M
@454	*	Element_identification to Design_authority (design_activities)	@509.1	M
@444.2	*	Design_authority	#43'	M
@4442		Design_authority.role	#44, 'id owner'	M
@445.2	*	Design_authority to Company (design_activity_identification)	@134.2	M

Id	V	Application Elements	Value	Req
@446	*	Design_authority to Company_code (design_activity_code)	<not_present>	M
@449	*	Design_authority to Person (person_responsible)	@1172	M
@454		Element_identification to Design_authority (design_activities)	@509.2	M
@456	*	Item_identification to Design_authority (design_activity)	@882.1	M
@444.3	*	Design_authority	#41	M
@4442	*	Design_authority.role	#42, 'id owner'	M
@445.3	*	Design_authority to Company (design_activity_identification)	@134.3	M
@456		Item_identification to Design_authority (design_activity)	@882.2	M
@503.1	*	Element_identification	#46, #50, #54, 'document'	M
@504.1	*	Element_identification.identifying_number	#50, 'h1'	S
@506	*	Element_identification.title	#50, 'hub assembly'	S
@5061	*	Element_identification to Alternate_element_identification (alternate_identifications)	<not_present>	M
@508	*	Element_identification to Change_identification (change_status)	@84.1	M
@509.1	*	Element_identification to Design_authority (design_activities)	@444.1	M
@510	*	Element_identification to Element_type (element_classifications)	<not_present>	M
@513	*	Element_identification to Other_reference_document (outstanding_changes)	<not_present>	M
@526	*	Header_configuration_with_element_identification to Element_identification (identification)	@723	M
@503.2	*	Element_identification	#47, #51, #54, 'document'	M
@504.2	*	Element_identification.identifying_number	#51, '95000'	S
@505	*	Element_identification.title	<not_present>	M
@507	*	Element_identification to Change_identification (change_status)	<not_present>	M

Id	V	Application Elements	Value	Req
@509.2	*	Element_identification to Design_authority (design_activities)	@444.2	M
@511	*	Element_identification to Element_type (element_classifications)	@550	M
@520	*	Other_reference_document to Element_identification (document_identification)	@1288	M
@550	*	Element_type	#57	M
@551	*	Element_type.element_code	#57, 'PRR'	S
@553	*	Element_type.type_of_coding_scheme	#57, 'Change Type'	S
@554	*	Element_type to Company (code_administrator)	<not_present>	M
@558	*	Element_identification to Element_type (element_classifications)	@511	M
@688	*	Header	#37	M
@689	*	Header.document_abstract	<not_present>	M
@691	*	Header.document_keywords	<not_present>	M
@694	*	Header.languages	<not_present>	M
@697	*	Header.sheet_count	<not_present>	M
@699	*	Header to Header_configuration_with_element_identification (header_configuration)	@721	M
@700	*	Header to Size_characteristics_full_size (size_of_sheet)	<not_present>	M
@705	*	Parts_list_header to Header (common_header)	@1170	M
@721	*	Header_configuration_with_element_identification	#37	M
@722	*	Header_configuration_with_element_identification to Configuration (data_configuration)	@164	M
@723	*	Header_configuration_with_element_identification to Element_identification (identification)	@503.1	M
@726	*	Header to Header_configuration_with_element_identification (header_configuration)	@699	M
@837.1	*	Item	#70	M
@839	*	Item.item_contexts	#48, #52, #68, 'Production'	S

Id	V	Application Elements	Value	Req
@841	*	Item to Alternate_item (alternates)	<not_present>	M
@844	*	Item to Reference_document_usage (conditions_defined_through_constrained_document)	<not_present>	M
@847	*	Item to Reference_document (conditions_defined_through_simple_reference)	<not_present>	M
@850.1	*	Item to Item_identification (identification)	@869.1	M
@851	*	Item to Configuration (item_configuration)	<not_present>	M
@853	*	Item to Weight (item_weight)	<not_present>	M
@855	*	Item to Notation (notes)	<not_present>	M
@858	*	Item to Special_condition (special_conditions)	<not_present>	M
@867	*	Tdp_element_and_item_association to Item (related_item)	@1598	M
@837.2	*	Item	#71	M
@838	*	Item.item_contexts	<not_present>	M
@850.2	*	Item to Item_identification (identification)	@869.2	M
@861	*	Item_usage to Item (being_defined_for)	@956	M
@869.1	*	Item_identification	#48	M
@870.1	*	Item_identification.identifying_number	#52, 'h1'	S
@873.1	*	Item_identification.nomenclature_or_name	#52, 'hub assembly'	S
@874	*	Item_identification to Alternate_identification_of_item (alternate_identifications)	<not_present>	M
@878	*	Item_identification to Change_identification (change)	@84.2	M
@881.1	*	Item_identification to Item_type (classifications)	@945.1, @945.2	M
@882.1	*	Item_identification to Design_authority (design_activity)	@444.2	M
@883	*	Item_identification to Source_information_type (source_information)	<not_present>	M
@896.1	*	Item to Item_identification (identification)	@850.1	M
@898	*	Item_list to Item_identification (list_for)	@921	M

Id	V	Application Elements	Value	Req
@869.2	*	Item_identification	#49	M
@870.2	*	Item_identification.identifying_number	#53, 'd1'	S
@873.2	*	Item_identification.nomenclature_or_name	#53, 'disc with holes'	S
@877	*	Item_identification to Change_identification (change)	<not_present>	M
@881.2	*	Item_identification to Item_type (classifications)	@945.1, @945.3	M
@882.2	*	Item_identification to Design_authority (design_activity)	@444.3	M
@896.2	*	Item to Item_identification (identification)	@850.2	M
@910	*	Item_list	#70, #82, #75, 'item list'	M
@915	*	Item_list.type_of_component_list	#83, #76, 'made from component list of one'	M
@918	*	Item_list to Item_usage (component_of)	@953	M
@921	*	Item_list to Item_identification (list_for)	@869.1	M
@923	*	Parts_list_body to Item_list (parts_tabulations)	@1160	M
@945.1	*	Item_type	#58	M
@946.1	*	Item_type.item_code	#58, 'part'	S
@947	*	Item_type.type_of_coding_scheme	<not_present>	M
@949	*	Item_type to Company (code_administrator)	<not_present>	M
@952	*	Item_identification to Item_type (classifications)	@881.1, @881.2	M
@945.2	*	Item_type	#59	M
@946.2	*	Item_type.item_code	#59, 'assembly'	S
@951	*	Item_identification to Item_type (classifications)	@881.1	M
@945.3	*	Item_type	#60	M
@946.3	*	Item_type.item_code	#60, 'detail'	S
@951		Item_identification to Item_type (classifications)	@881.2	M
@953	*	Item_usage (as Locally_defined_item)	#86, 'item usage'	M
@956	*	Item_usage to Item (being_defined_for)	@837.2, #71, #84, #78, 'item in list'	M
@957	*	Item_usage to Effectivity (effective_on)	<not_present>	M

Id	V	Application Elements	Value	Req
@959	*	Item_usage to List_item_usage (list_item)	<not_present>	M
@961	*	Item_usage to Quantity (quantity_used_in_next_higher_assembly)	<not_present>	M
@963	*	Item_usage to Retrofit_usage (retrofit)	<not_present>	M
@965	*	Item_usage to Special_conditions (special_conditions)	<not_present>	M
@968	*	Item_list to Item_usage (component_of)	@918	M
@1011	*	Locally_defined_item (as Assembly)	#84	M
@68	*	Assembly	#84	M
@1285	*	Reference_document (as Other_reference_document)	#47, #51, #54, 'document', #62, #56, 'reference document'	M
@1288	*	Reference_document to Element_identification (document_identification)	@503.2	M
@1119	*	Other_reference_document	#47, #51, #54, 'document', #62, #56, 'reference document'	M
@1128	*	Change_identification to Other_reference_document (revision_authorization_identities)	@111	M
@1591	*	Tdp_element (as Associated_list)	#46, #50, #54, 'document', #61, #55, 'parts list'	M
@1595	*	Tdp_element_and_item_association to Tdp_element (related_tdp_element)	@1597	M
@71	*	Associated_list (as Parts_list)	#46, #50, #55, 'parts list'	M
@72	*	Associated_list to List_presentation (presentation)	<not_present>	M
@74	*	Associated_list to drawing_or_product_data_set (related_to)	<not_present>	M
@1153	*	Parts_list	#46, #50, #54, 'document', #61, #55, 'parts list'	M
@1154	*	Parts_list to Parts_list_body (list_body)	@1156	M
@1155	*	Parts_list to Parts_list_header (list_header)	@1169	M
@1156	*	Parts_list_body	#72, 'parts list body'	M
@1157	*	Parts_list_body to Notation (list_notes)	<not_present>	M
@1160	*	Parts_list_body to Item_list (parts_tabulations)	@910, #85, 'parts tabulation'	M

Id	V	Application Elements	Value	Req
@1162	*	Parts_list_body to Tdp_element_list_item (referenced_tdp_elements)	<not_present>	M
@1165	*	Parts_list_body to Revision (revision_history)	<not_present>	M
@1168	*	Parts_list to Parts_list_body (list_body)	@1154	M
@1169	*	Parts_list_header	#37, 'parts list header'	M
@1170	*	Parts_list_header to Header (common_header)	@688	M
@1171	*	Parts_list to Parts_list_header (list_header)	@1155	M
@1172	*	Person	#89	M
@1174	1	Person.first_name	#89, 'Guy'	S
@1176	1	Person.last_name	#89, 'Wire'	S
@1177	*	Person.middle_name	<not_present>	M
@1179	*	Person.title	<not_present>	M
@1181	*	Person.unique_identifier	#89, '333-004'	S
@1184	*	Design_authority to Person (person_responsible)	@449	M
@1317	*	Release_authentication	#90	M
@1318	*	Release_authentication.authentication	#91, 'approved'	S
@1319	*	Release_authentication to Person (person_responsible)	<not_present>	M
@1321	*	Release_authentication to Company (release_authority)	@134.1, #92, #93, 'release authentication'	M
@1322	*	Release_authentication to Company_code (release_authority_code)	<not_present>	M
@1324	*	Release_authentication to Date (release_date)	@397, #94, #24, #27, 'release authentication'	M
@1325	*	Configuration to Release_authentication (release_authorizations)	@176	M
@1597	*	Tdp_element_and_item_association	#88	M
@1598	*	Tdp_element_and_item_association to Item (related_item)	@837	M
@1599	*	Tdp_element_and_item_association to Tdp_element (related_tdp_element)	@1595	M

6.4.1.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc2, and gvc3.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following preprocessor-specific verdict criteria apply:

vc1: One of person.last_name or person.first_name must be present, but both attributes do not have to be present at the same time.

6.4.1.4 Constraints on values

The following constraints apply as referenced in the input specification table:

c1: The value 'A' is suggested; all other attribute values are mandatory.

6.4.2 Postprocessor

6.4.2.1 Test purpose coverage

The following general test purposes are covered: g1, g4, and g5.

The following other test purposes are covered: other2, other5, and other6.

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any) whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following AIM test purposes are covered:

@aim4, @aim5, @aim46, @aim50, @aim52, @aim67, @aim68, @aim71, aim72, aim76, aim77, aim84, ...

6.4.2.2 Input specification

The postprocessor input specification is provided in electronic form only. See annex C.

6.4.2.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc4, and gvc5.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following specific verdict criteria apply:

6.5 4SMPL_initial

The goal of this test case is to create the type of Parts List called a Supplier Module Parts List (SMPL) with representation of each type of object that can occur in the SMPL. The test case is for the first of three contexts for application object Item_list: the Item_list is for a part and does not identify the document that contains the representation for the part.

6.5.1 Preprocessor

6.5.1.1 Test purposes covered:

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any), whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following general test purposes are covered: g1, g2, and g3.

The following other test purposes are covered: other1, other9, other14, other21, other34, other43, other45, and other48.

6.5.1.2 Input specification

Table 5 - Application elements for 4SMPL_initial

Id	V	Application Elements	Value	Req
@12	*	Alternate_element_identification	#259, #282, #270, 'document'	M
@13	*	Alternate_element_identification.identifying_number	#282, '616MODPAM900#0000001A'	S
@14	*	Alternate_element_identification.title	<not_present>	M
@16	*	Alternate_element_identification to Change_identification (change_status)	<not_present>	M
@18	*	Alternate_element_identification to Design_authority (design_activity)	@444.1	M
@20	*	Alternate_element_identification to Element_type (element_classifications)	@550.2	M
@22	*	Alternate_element_identification to Other_reference_document (outstanding_changes)	<not_present>	M
@25	*	Element_identification to Alternate_element_identification (alternate_identifications)	@5062	M
@42.1	*	Alternate_item	#289	M

Id	V	Application Elements	Value	Req
@44.1	*	Alternate_item.type_of_alternate	#16, #13, 'SUBSTITUTION'	S
@45	*	Alternate_item.usage_conditions	<not_present>	M
@50.1	*	Alternate_item to Item (interchange_item)	@837.6	M
@52	*	Item to Alternate_item (alternates)	@843.4	M
@42.2	*	Alternate_item	#289	M
@44.2	*	Alternate_item.type_of_alternate	#17, #14, 'SUBSTITUTION'	S
@50.2	*	Alternate_item to Item (interchange_item)	@837.7	M
@52		Item to Alternate_item (alternates)	@842.5	M
@42.3	*	Alternate_item	#291	M
@44.2	*	Alternate_item.type_of_alternate	#18, #15, 'SPARES INTERCHANGEABILITY'	S
@48	*	Alternate_item.usage_conditions	#18, '616EGPPAE902 IS AN ATA CODE 2 - Two way interchangeable REPLACEMENT FOR 616EGPPAE900. CONDITION DESCRIPTION GOES HERE'	S
@50.3	*	Alternate_item to Item (interchange_item)	@837.8	M
@52		Item to Alternate_item (alternates)	@843.4	M
@84.1	*	Change_identification	#206, 'change identification'	M
@91.1	*	Change_identification.change_code	#206 'revision with change'	M
@92	*	Change_identification.change_description	<not_present>	M
@95.1	*	Change_identification.change_level	#192, 'change identification level', #197, ('1', 'change')	C1
@96	*	Change_identification.issue_level	<not_present>	M
@99	*	Change_identification. revision_authorization_identities	#204, '1234-1234'	S
@101	*	Change_identification.revision_description	<not_present>	M
@104.1	*	Change_identification.revision_level	#191, 'change identification level', #196, ('A', 'revision'), #201, #167, #188, 'change identification', #256, 'A'	C2
@105	*	Change_identification to Status (action_status)	<not_present>	M

Id	V	Application Elements	Value	Req
@107	*	Change_identification to Date (change_date)	<not_present>	M
@109	*	Change_identification to Date (issue_date)	<not_present>	M
@113	*	Change_identification to Date (revision_date)	<not_present>	M
@119	*	Element_identification to Change_identification (change_status)	@508	M
@84.2	*	Change_identification	#205, 'change identification'	M
@91.2	*	Change_identification.change_code	#205, 'revision with change'	M
@93	*	Change_identification.change_description	#209, THIS IS THE MANUFACTURING CHANGE LEVEL DESCRIPTION FIELD	S
@95.2	*	Change_identification.change_level	#194, 'change identification level', #199, ('1', 'change')	C1
@104.2	*	Change_identification.revision_level	#193, 'change identification level', #198, ('A', 'revision'), #202, #169, #188, 'change identification', #255, 'A'	C2
@106	*	Change_identification to Status (action_status)	@1480	M
@108	*	Change_identification to Date (change_date)	@397	M
@111	*	Change_identification to Other_reference_document (revision_authorization_identifications)	@1119.1, #177, #170, #190, 'revision authorization identification', #173. #117, #250	M
@123	*	Item_identification to Change_identification (change)	@878	M
@84.9	*	Change_identification	#207, 'change identification'	M
@90.9	*	Change_identification.change_code	#207 'revision'	M
@94	*	Change_identification.change_level	<not_present>	M
@98	*	Change_identification. revision_authorization_identifications	<not_present>	M
@104.9	*	Change_identification.revision_level	#195, 'change identification level', #200, ('B', 'revision'), #203, #171, #188, 'change identification', #254, 'B'	C3
@119		Element_identification to Change_identification (change_status)	@508.99	M
@134.1	*	Company	#222	M

Id	V	Application Elements	Value	Req
@136	*	Company.address	#214, ('Headquarters', 'Drizzle', 'WA', '99999')	S
@137.1	*	Company.name	#222, The Errorspace Company'	S
@144.1	*	Design_authority to Company (design_activity_identification)	@445.1	M
@148	*	Release_authentication to Company (release_authority)	@1321	M
@134.2	*	Company	#223	M
@135	*	Company.address	<not_present>	M
@137.2	*	Company.name	#223, 'The Errorspace Company'	S
@144.2	*	Design_authority to Company (design_activity_identification)	@445.2	M
@134.3	*	Company	#224	M
@137.3	*	Company.name	#224, 'The Errorspace Company'	S
@144.3	*	Design_authority to Company (design_activity_identification)	@445.3	M
@152.1	*	Company_code	#222	M
@153.1	*	Company_code.code	#215, '99999'	S
@155.1	*	Company_code.type_of_code	#217, ('alias id', 'CAGE')	M
@156	*	Company_code to Company (code_administrator)	<not_present>	M
@158.1	*	Design_authority to Company_code (design_activity_code)	@447.1	M
@152.2	*	Company_code	#223	M
@153.2	*	Company_code.code	#216, 'P3124'	S
@155.2	*	Company_code.type_of_code	#218, ('alias id', 'Work Group.Group Code')	C4
@158.2	*	Design_authority to Company_code (design_activity_code)	@447.2	M
@164	*	Configuration	#140	M
@165	*	Configuration.data_usage_rights	<not_present>	M
@167	*	Configuration to Distribution_notice (distribution_authorizations)	<not_present>	M

Id	V	Application Elements	Value	Req
@171	*	Configuration to Product_configuration (end_item_system_designation)	@1205	M
@172	*	Configuration to Contract (preparing_contracts)	<not_present>	M
@176	*	Configuration to Release_authentication (release_authorizations)	@1317, #139, #1711, #189, 'release authentication'	M
@179	*	Configuration to Security_classification (security_identifications)	@1360	M
@181	*	Header_configuration_with_element_identification to Configuration (data_configuration)	@722	M
@397	*	Date	#185	M
@399	*	Date.day	#185, 02	S
@401	*	Date.month	#185, 11	S
@402	*	Date.week	<not_present>	M
@404	*	Date.year	#185, 2000	S
@406	*	Date to Time (specific_time)	@1640	M
@409	*	Change_identification to Date (change_date)	@108	M
@423	*	Release_authentication to Date (release_date)	@1324	M
@444.1	*	Design_authority	#219	M
@4442	*	Design_authority.role	#221, 'id owner'	M
@445.1	*	Design_authority to Company (design_activity_identification)	@134.1	M
@447.1	*	Design_authority to Company_code (design_activity_code)	@152.1	M
@448	*	Design_authority to Person (person_responsible)	<not_present>	M
@450	*	Alternate_element_identification to Design_authority (design_activity)	@18	M
@454	*	Element_identification to Design_authority (design_activities)	@509.1	M
@444.2	*	Design_authority	#210	M
@4442		Design_authority.role	#213, 'id owner'	M
@445.2	*	Design_authority to Company (design_activity_identification)	@134.2	M

Id	V	Application Elements	Value	Req
@447.2	*	Design_authority to Company_code (design_activity_code)	@152.2	M
@449	*	Design_authority to Person (person_responsible)	@1172	M
@455	*	Element_identification to Design_authority (design_activities)	@509.2, @509.3	M
@456	*	Item_identification to Design_authority (design_activity)	@882.1	M
@444.3	*	Design_authority	#220	M
@4442		Design_authority.role	#221, 'id owner'	M
@445.3	*	Design_authority to Company (design_activity_identification)	@134.3	M
@446	*	Design_authority to Company_code (design_activity_code)	<not_present>	M
@455		Element_identification to Design_authority (design_activities)	@509.4, @509.5, @509.6, @509.9	M
@457	*	Item_identification to Design_authority (design_activity)	@882.2 - @882.5	M
@503.1	*	Element_identification	#256, #281, #270, 'document'	M
@504.1	*	Element_identification.identifying_number	#281, '616SCPPAM100,616MODPA M900'	S
@506.1	*	Element_identification.title	#281, 'THIS IS THE TITLE FIELD FOR A MODULE'	S
@5062	*	Element_identification to Alternate_element_identification (alternate_identifications)	@12, #248, 'alternate element identification'	M
@508.1	*	Element_identification to Change_identification (change_status)	@84.1	M
@509.1	*	Element_identification to Design_authority (design_activities)	@444.1	M
@511.1	*	Element_identification to Element_type (element_classifications)	@550.1	M
@513	*	Element_identification to Other_reference_document (outstanding_changes)	<not_present>	M
@526	*	Header_configuration_with_element_identification to Element_identification (identification)	@723	M

Id	V	Application Elements	Value	Req
@503.2	*	Element_identification	#250, #284, #270, 'document'	M
@504.2	*	Element_identification.identifying_number	#284, '23340'	S
@506.2	*	Element_identification.title	#284, 'Change Identifier.Change Number'	S
@5061	*	Element_identification to Alternate_element_identification (alternate_identifications)	<not_present>	M
@507	*	Element_identification to Change_identification (change_status)	<not_present>	M
@509.2	*	Element_identification to Design_authority (design_activities)	@444.2	M
@512.2	*	Element_identification to Element_type (element_classifications)	@550.3, @550.4	M
@514	*	Element_identification to Other_reference_document (outstanding_changes)	@1119.2, #249, 'outstanding changes'	M
@520	*	Reference_document to Element_identification (document_identification)	@1288.1	M
@503.3	*	Element_identification	#251, #285, #270, 'document'	M
@504.3	*	Element_identification.identifying_number	#285, '123456'	S
@505	*	Element_identification.title	<not_present>	M
@509.3	*	Element_identification to Design_authority (design_activities)	@444.2	M
@511.3	*	Element_identification to Element_type (element_classifications)	@550.8	M
@520		Reference_document to Element_identification (document_identification)	@1288.2	M
@503.4	*	Element_identification	#252, #287, #270, 'document'	M
@504.4	*	Element_identification.identifying_number	#287, '616PSTBAB100,1'	S
@509.4	*	Element_identification to Design_authority (design_activities)	@444.3	M
@511.4	*	Element_identification to Element_type (element_classifications)	@550.5	M
@524	*	Item_list_drawing to Element_identification (drawing_number)	@928	M

Id	V	Application Elements	Value	Req
@536	*	Notation to Element_identification (referenced_document_in_note)	@1045.11	M
@503.5	*	Element_identification	#253, #288, #270, 'document'	M
@504.5	*	Element_identification.identifying_number	#288, '616EGDBAB100'	S
@509.5	*	Element_identification to Design_authority (design_activities)	@444.3	M
@511.5	*	Element_identification to Element_type (element_classifications)	@550.6	M
@536		Notation to Element_identification (referenced_document_in_note)	@1045.14	M
@503.6	*	Element_identification	#261, #290, #270, 'document'	M
@504.6	*	Element_identification.identifying_number	#290, 'EF6160004'	S
@509.6	*	Element_identification to Design_authority (design_activities)	@444.3	M
@511.6	*	Element_identification to Element_type (element_classifications)	@550.7	M
@536		Notation to Element_identification (referenced_document_in_note)	@1045.17	M
@503.9	*	Element_identification	#254, #293, #270, 'document'	M
@504.9	*	Element_identification.identifying_number	#293, 'EDS-1057_SMPL'	S
@508.9	*	Element_identification to Change_identification (change_status)	@84.9	M
@509.9	*	Element_identification to Design_authority (design_activities)	@444.3	M
@510	*	Element_identification to Element_type (element_classifications)	<not_present>	M
@536		Notation to Element_identification (referenced_document_in_note)	@1045.99	M
@550.1	*	Element_type	#272	M
@551.1	*	Element_type.element_code	#272, 'Supplier Module Parts List'	S
@553.1	*	Element_type.type_of_coding_scheme	#272, 'Distribution Product'	S
@554	*	Element_type to Company (code_administrator)	<not_present>	M

Id	V	Application Elements	Value	Req
@558	*	Element_identification to Element_type (element_classifications)	@511.1	M
@550.2	*	Element_type	#273	M
@551.2	*	Element_type.element_code	#273, 'SMPL IDENTIFIER'	S
@552	*	Element_type.type_of_coding_scheme	<not_present>	M
@556	*	Alternate_element_identification to Element_type (element_classifications)	@22	M
@550.3	*	Element_type	#276	M
@551.3	*	Element_type.element_code	#276, 'PRR'	S
@553.3	*	Element_type.type_of_coding_scheme	#276, 'Change Identifier.Change Type'	S
@558		Element_identification to Element_type (element_classifications)	@511.2	M
@550.4	*	Element_type	#277	M
@551.4	*	Element_type.element_code	#277, 'NA'	S
@553.4	*	Element_type.type_of_coding_scheme	#277, 'Change Identifier.Customer Variable'	S
@558		Element_identification to Element_type (element_classifications)	@511.2	M
@550.5	*	Element_type	#279	M
@551.5	*	Element_type.element_code	#279, 'drawing'	S
@558		Element_identification to Element_type (element_classifications)	@511.4	M
@550.6	*	Element_type	#280	M
@551.6	*	Element_type.element_code	#280, 'product data set'	S
@558		Element_identification to Element_type (element_classifications)	@511.5	M
@550.7	*	Element_type	#2801	M
@551.7	*	Element_type.element_code	#2801, 'function'	S
@558		Element_identification to Element_type (element_classifications)	@511.6	M
@550.8	*	Element_type	#2771	M

Id	V	Application Elements	Value	Req
@551.8	*	Element_type.element_code	#2771, 'Reference Number'	S
@558		Element_identification to Element_type (element_classifications)	@511.3	M
@688	*	Header	#140	M
@689	*	Header.document_abstract	<not_present>	M
@691	*	Header.document_keywords	<not_present>	M
@694	*	Header.languages	<not_present>	M
@697	*	Header.sheet_count	<not_present>	M
@699	*	Header to Header_configuration_with_element_identification (header_configuration)	@721	M
@700	*	Header to Size_characteristics_full_size (size_of_sheet)	<not_present>	M
@705	*	Parts_list_header to Header (common_header)	@1170	M
@721	*	Header_configuration_with_element_identification	#140	M
@722	*	Header_configuration_with_element_identification to Configuration (data_configuration)	@164	M
@723	*	Header_configuration_with_element_identification to Element_identification (identification)	@503.1	M
@726	*	Header to Header_configuration_with_element_identification (header_configuration)	@699	M
@837.1	*	Item	#226	M
@839.1	*	Item.item_contexts	#255, #283, #295, 'Production'	S
@841	*	Item to Alternate_item (alternates)	<not_present>	M
@844	*	Item to Reference_document_usage (conditions_defined_through_constrained_document)	<not_present>	M
@847	*	Item to Reference_document (conditions_defined_through_simple_reference)	<not_present>	M
@850.1	*	Item to Item_identification (identification)	@869.1	M
@851	*	Item to Configuration (item_configuration)	<not_present>	M
@853	*	Item to Weight (item_weight)	<not_present>	M
@857	*	Item to Notation (notes)	@1032.1, @1032.2	M

Id	V	Application Elements	Value	Req
@858	*	Item to Special_condition (special_conditions)	<not_present>	M
@867	*	Tdp_element_and_item_association to Item (related_item)	@1598	M
@837.2	*	Item	#236	M
@838	*	Item.item_contexts	<not_present>	M
@850.2	*	Item to Item_identification (identification)	@869.2	M
@855	*	Item to Notation (notes)	<not_present>	M
@861	*	Item_usage to Item (being_defined_for)	@956.1	M
@837.3	*	Item	#237	M
@850.3	*	Item to Item_identification (identification)	@869.2	M
@861		Item_usage to Item (being_defined_for)	@956.2	M
@837.4	*	Item	#230	M
@843.4	*	Item to Alternate_item (alternates)	@42.1, @42.3	M
@850.4	*	Item to Item_identification (identification)	@869.3	M
@862	*	Item_usage to Item (being_defined_for)	@956.3, @956.5	M
@837.5	*	Item	#231	M
@842.5	*	Item to Alternate_item (alternates)	@42.2	M
@850.5	*	Item to Item_identification (identification)	@869.3	M
@861		Item_usage to Item (being_defined_for)	@956.4	M
@837.6	*	Item	#233	M
@850.6	*	Item to Item_identification (identification)	@869.4	M
@8621	*	Alternate_item to Item (interchange_item)	@50.1	M
@837.7	*	Item	#234	M
@850.7	*	Item to Item_identification (identification)	@869.4	M
@8621		Alternate_item to Item (interchange_item)	@50.2	M
@837.8	*	Item	#235	M
@850.8	*	Item to Item_identification (identification)	@869.5	M
@8621		Alternate_item to Item (interchange_item)	@50.3	M

Id	V	Application Elements	Value	Req
@869.1	*	Item_identification	#255	M
@870.1	*	Item_identification.identifying_number	#283, '616MODPAM900'	S
@872	*	Item_identification.nomenclature_or_name	<not_present>	M
@874	*	Item_identification to Alternate_identification_of_item (alternate_identifications)	<not_present>	M
@878	*	Item_identification to Change_identification (change)	@84.2	M
@881	*	Item_identification to Item_type (classifications)	@945.1, @945.2	M
@882.1	*	Item_identification to Design_authority (design_activity)	@444.2	M
@883	*	Item_identification to Source_information_type (source_information)	<not_present>	M
@896	*	Item to Item_identification (identification)	@850.1	M
@899	*	Item_list to Item_identification (list_for)	@921.1, @921.2	M
@869.2	*	Item_identification	#258	M
@870.2	*	Item_identification.identifying_number	#292, '616STPPAE900'	S
@873.2	*	Item_identification.nomenclature_or_name	#292, 'DESCRIPTION FIELD FOR STANDARD PART'	S
@877	*	Item_identification to Change_identification (change)	<not_present>	M
@880.2	*	Item_identification to Item_type (classifications)	@945.3	M
@882.2	*	Item_identification to Design_authority (design_activity)	@444.3	M
@897	*	Item to Item_identification (identification)	@850.2, @850.3	M
@869.3	*	Item_identification	#257	M
@870.3	*	Item_identification.identifying_number	#286, '616EGPPAE900'	S
@873.3	*	Item_identification.nomenclature_or_name	#286, 'DESCRIPTION FIELD FOR ENGINEERING PART'	S
@880.3	*	Item_identification to Item_type (classifications)	@945.3	M
@882.3	*	Item_identification to Design_authority (design_activity)	@444.3	M
@897	*	Item to Item_identification (identification)	@850.4, @850.5	M
@869.4	*	Item_identification	#260	M

Id	V	Application Elements	Value	Req
@870.4	*	Item_identification.identifying_number	#289, '616EGPPAE90001'	S
@873.4	*	Item_identification.nomenclature_or_name	#289, 'DESCRIPTION FIELD FOR SUBSTITUTE ENGINEERING PART'	S
@880.4	*	Item_identification to Item_type (classifications)	@945.3	M
@882.4	*	Item_identification to Design_authority (design_activity)	@444.3	M
@896		Item to Item_identification (identification)	@850.6	M
@869.5	*	Item_identification	#262	M
@870.5	*	Item_identification.identifying_number	#291, '616EGPPAE902'	S
@873.5	*	Item_identification.nomenclature_or_name	#291, 'DESCRIPTION FIELD FOR ENGINEERING PART'	S
@880.5	*	Item_identification to Item_type (classifications)	@945.3	M
@882.5	*	Item_identification to Design_authority (design_activity)	@444.3	M
@896		Item to Item_identification (identification)	@850.8	M
@910.1	*	Item_list	#228, #87, #241, 'item list'	M
@911.1	*	Item_list.type_of_component_list	#88, #242, 'module components list'	S
@919.1	*	Item_list to Item_usage (component_of)	@953.1, @953.3	M
@921.1	*	Item_list to Item_identification (list_for)	@869.1	M
@923	*	Parts_list_body to Item_list (parts_tabulations)	@1160	M
@910.2	*	Item_list	#227, #85, #241, 'item list'	M
@911.2	*	Item_list.type_of_component_list	#86, #242, 'module components list'	S
@919.2	*	Item_list to Item_usage (component_of)	@953.2, @953.4	M
@921.2	*	Item_list to Item_identification (list_for)	@869.1	M
@923		Parts_list_body to Item_list (parts_tabulations)	@1160	M
@910.3	*	Item_list	#232, #93, #241, 'item list'	M
@913	*	Item_list.type_of_component_list	#94, #247, 'installation drawing component list'	M

Id	V	Application Elements	Value	Req
@918	*	Item_list to Item_usage (component_of)	@953.5	M
@922	*	Item_list to Item_list_drawing (list_for)	@925	M
@923		Parts_list_body to Item_list (parts_tabulations)	@1160	M
@925	*	Item_list_drawing	#252, #287, #270, 'document'	M
@926	*	Item_list_drawing to Item_identification (assembly_item_list_applies_to)	<not_present>	M
@928	*	Item_list_drawing to Element_identification (drawing_number)	@503.4	M
@929	*	Item_list to Item_list_drawing (list_for)	@922	M
@945.1	*	Item_type	#274	M
@946.1	*	Item_type.item_code	#274, 'module'	S
@947	*	Item_type.type_of_coding_scheme	<not_present>	M
@949	*	Item_type to Company (code_administrator)	<not_present>	M
@951	*	Item_identification to Item_type (classifications)	@881	M
@945.2	*	Item_type	#2741	M
@946.2	*	Item_type.item_code	#2741, 'I'	S
@948	*	Item_type.type_of_coding_scheme	#2741, TAILORED BUSINESS STREAM'	S
@951		Item_identification to Item_type (classifications)	@881	M
@945.3	*	Item_type	#278	M
@946.3	*	Item_type.item_code	#278, 'part'	S
@952	*	Item_identification to Item_type (classifications)	@880.2 - @880.5	M
@953.1	*	Item_usage	#133, 'item usage'	M
@956.1	*	Item_usage to Item (being_defined_for)	@837.2, #236, #98, #244, 'item in list'	M
@958.1	*	Item_usage to Effectivity (effective_on)	@492.1	M
@959	*	Item_usage to List_item_usage (list_item)	<not_present>	M
@962.1	*	Item_usage to Quantity (quantity_used_in_next_higher_assembly)	@1251	M
@963	*	Item_usage to Retrofit_usage (retrofit)	<not_present>	M

Id	V	Application Elements	Value	Req
@965	*	Item_usage to Special_conditions (special_conditions)	<not_present>	M
@968	*	Item_list to Item_usage (component_of)	@919.1	M
@953.2	*	Item_usage	#134, 'item usage'	M
@956.2	*	Item_usage to Item (being_defined_for)	@837.3, #237, #99, #244, 'item in list'	M
@958.2	*	Item_usage to Effectivity (effective_on)	@492.2	M
@962.2	*	Item_usage to Quantity (quantity_used_in_next_higher_assembly)	@1251	M
@968		Item_list to Item_usage (component_of)	@919.2	M
@953.3	*	Item_usage	#131, 'item usage'	M
@956.3	*	Item_usage to Item (being_defined_for)	@837.4, #230, #91, #244, 'item in list'	M
@958.3	*	Item_usage to Effectivity (effective_on)	@492.3	M
@960.3	*	Item_usage to List_item_usage (list_item)	@971.1	M
@961	*	Item_usage to Quantity (quantity_used_in_next_higher_assembly)	<not_present>	M
@968		Item_list to Item_usage (component_of)	@919.1	M
@953.4	*	Item_usage	#132, 'item usage'	M
@956.4	*	Item_usage to Item (being_defined_for)	@837.5, #231, #92, #244, 'item in list'	M
@958.4	*	Item_usage to Effectivity (effective_on)	@492.4	M
@968		Item_list to Item_usage (component_of)	@919.2	M
@953.5	*	Item_usage	#19, 'item usage'	M
@956.5	*	Item_usage to Item (being_defined_for)	@837.4, #230, #91, #244, 'item in list'	M
@957	*	Item_usage to Effectivity (effective_on)	<not_present>	M
@960.5	*	Item_usage to List_item_usage (list_item)	@971.2	M
@968		Item_list to Item_usage (component_of)	@918	M
@971.1	*	List_item_usage	#131	M
@972	*	List_item_usage.drawing_zones	<not_present>	M

Id	V	Application Elements	Value	Req
@975	*	List_item_usage.entry_item_change_level	<not_present>	M
@977	*	List_item_usage.find_number	<not_present>	M
@979	*	List_item_usage.item_type	<not_present>	M
@981	*	List_item_usage.reference_designators	<not_present>	M
@986.1	*	List_item_usage to Notation (entry_notes)	@1032.3 - @1032.17	M
@987	*	Item_usage to List_item_usage (list_item)	@960.3	M
@971.2	*	List_item_usage	#19	M
@982	*	List_item_usage.reference_designators	#19, '4125'	S
@984	*	List_item_usage to Notation (entry_notes)	<not_present>	M
@987		Item_usage to List_item_usage (list_item)	@960.5	M
@1032.1	*	Notation	#104, #54, 'notation'	M
@1033.1	*	Notation.note	#104, '1'	S
@1034	*	Notation.note_parameter	<not_present>	M
@1038.1	*	Notation.note_title	#104, 'TAILORED BUSINESS STREAM'	S
@1039	*	Notation.reference_code	<not_present>	M
@1041	*	Notation.type_of_notation	<not_present>	M
@1044	*	Notation to Element_identification (referenced_document_in_note)	<not_present>	M
@1065	*	Item to Notation (notes)	@857	M
@1032.2	*	Notation	#105, #54, 'notation'	M
@1033.2	*	Notation.note	#105, '123456'	S
@1038.2	*	Notation.note_title	#105, 'MATERIAL IDENTIFIER AND TEST REQUIREMENTS CODE'	S
@1065		Item to Notation (notes)	@857	M
@1032.3	1	Notation	#108, #58, 'notation'	M

Id	V	Application Elements	Value	Req
@1033. 3	*	Notation.note	#108, 'TWILIGHT ZONE'	S
@1038. 3	*	Notation.note_title	#108, 'AIRPLANE MAINTENANCE ZONE'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032. 4	1	Notation	#109, #58, 'notation'	M
@1033. 4	*	Notation.note	#109, 'Left Body X = 120A+12.25 Y = -98.133 Z = 118.55'	S
@1038. 4	*	Notation.note_title	#109, 'COORDINATE SYSTEM LOCATION'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032. 5	1	Notation	#110, #58, 'notation'	M
@1033. 5	*	Notation.note	#110, 'FIND NUMBER 12'	S
@1038. 5	*	Notation.note_title	#110, 'FIND NUMBER'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032. 6	1	Notation	#111, #58, 'notation'	M
@1033. 6	*	Notation.note	#111, '989'	S
@1038. 6	*	Notation.note_title	#111, 'FLAG MARKER'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032. 7	1	Notation	#112, #58, 'notation'	M
@1033. 7	*	Notation.note	#112, '600'	S
@1038. 7	*	Notation.note_title	#112, 'INSTALLATION NUMBER'	S

Id	V	Application Elements	Value	Req
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.8	1	Notation	#113, #58, 'notation'	M
@1033.8	*	Notation.note	#113, '4125'	S
@1038.8	*	Notation.note_title	#113, 'LOCATOR NUMBER'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.9	1	Notation	#114, #58, 'notation'	M
@1033.9	*	Notation.note	#114, 'ABC'	S
@1038.9	*	Notation.note_title	#114, 'MISCELLANEOUS LOCATION'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.10	1	Notation	#115, #58, 'notation'	M
@1033.10	*	Notation.note	#115, '99D15'	S
@1038.10	*	Notation.note_title	#115, 'ZONE'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.11	1	Notation	#101, #58, 'notation'	M
@1033.11	*	Notation.note	#101, '616PSTBAB100 SHEET 1'	S
@1038.11	*	Notation.note_title	#101, 'DRAWING'	S
@1045.11	*	Notation to Element_identification (referenced_document_in_note)	@503.4	M
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.12	2	Notation	#1091, #57, 'notation'	M
@1033.12	*	Notation.note	#1091, LEFT BODY X = 110A+11.25	S

Id	V	Application Elements	Value	Req
12 @1038. 12	*	Notation.note_title List_item_usage to Notation (entry_notes)	Y = -88.133 Z = 108.55' #1091, 'COORDINATE SYSTEM LOCATION' @986.1	S M
@1032. 13 @1033. 13 @1038. 13 @1059	2 * * *	Notation Notation.note Notation.note_title List_item_usage to Notation (entry_notes)	#1131, #57, 'notation' #1131, '4123' #1131, 'LOCATOR NUMBER' @986.1	M S S M
@1032. 14 @1033. 14 @1038. 14 @1045. 14 @1059	2 * * * *	Notation Notation.note Notation.note_title Notation to Element_identification (referenced_document_in_note) List_item_usage to Notation (entry_notes)	#102, #57, 'notation' #102, '616EGDBAB100' #102, 'DATASET FILE NAME' @503.5 @986.1	M S S M M
@1032. 15 @1033. 15 @1038. 15 @1059	3 * * *	Notation Notation.note Notation.note_title List_item_usage to Notation (entry_notes)	#106, #55, 'notation' #106, 'VALUE ABC per 616MODDOC001 VALUE XYZ' #106, 'DOCUMENT' @986.1	M S S M
@1032. 16 @1033. 16 @1038. 16	3 * *	Notation Notation.note Notation.note_title	#107, #56, 'notation' #107, 'TEXT FIELD FOR FREE FORM NOTE 1' #107, 'TITLE FIELD FOR FREE FORM NOTE 1'	M S S

Id	V	Application Elements	Value	Req
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.17	3	Notation	#116, #59, 'notation'	M
@1033.17	*	Notation.note	#116, 'TYPE – function, EQUIPMENT NUMBER EF6160004, DESCRIPTION FIELD FOR EQUIPMENT FUNCTION.'	S
@1038.17	*	Notation.note_title	#116, 'FUNCTIONAL LINK'	S
@1045.17	*	Notation to Element_identification (referenced_document_in_note)	@503.6	M
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.99	*	Notation	#103, #79, 'notation'	M
@1033.99	*	Notation.note	#103, 'NOTICE – THE INFORMATION CONTAINED HEREIN IS PROPRIETARY.'	S
@1037	*	Notation.note_title	<not_present>	M
@1042	*	Notation.type_of_notation	#10, #11, 'type of notation', #12, 'STANDARD NOTES'	C5
@1045.99	*	Notation to Element_identification (referenced_document_in_note)	@503.9	M
@1063	*	Parts_list_body to Notation (notes_list)	@1158	M
@1285.1	*	Reference_document (as Other_reference_document)	#250, #284, #270, 'document', #266, #275, 'reference document'	M
@1288.1	*	Reference_document to Element_identification (document_identification)	@503.2	M
@1119.1	*	Other_reference_document	#250, #284, #270, 'document', #229, #243, #297, 'reference document'	M
@1128	*	Change_identification to Other_reference_document (revision_authorization_identifications)	@111	M
@1285.2	*	Reference_document (as Other_reference_document)	#251, #285, #270, 'document', #266, #275, 'reference document'	M
@1288.2	*	Reference_document to Element_identification (document_identification)	@503.3	M

Id	V	Application Elements	Value	Req
2 @1119. 2	*	(document_identification) Other_reference_document	#251, #285, #270, 'document', #2291, #243, #297, 'reference document'	M
@1126	*	Element_identification to Other_reference_document (outstanding_changes)	@514	M
@1591	*	Tdp_element (as Associated_list)	#256, #281, #270, 'document', #263, #271, 'parts list'	M
@1595	*	Tdp_element_and_item_association to Tdp_element (related_tdp_element)	@1597	M
@71	*	Associated_list (as Parts_list)	#256, #281, #271 'parts list'	M
@72	*	Associated_list to List_presentation (presentation)	<not_present>	M
@74	*	Associated_list to drawing_or_product_data_set (related_to)	<not_present>	M
@1153	*	Parts_list	#256, #281, #270, 'document', #263, #271, 'parts list'	M
@1154	*	Parts_list to Parts_list_body (list_body)	@1156	M
@1155	*	Parts_list to Parts_list_header (list_header)	@1169	M
@1156	*	Parts_list_body	#225, 'parts list body'	M
@1158	*	Parts_list_body to Notation (list_notes)	@1032.99	M
@1161	*	Parts_list_body to Item_list (parts_tabulations)	@910.1, #82, 'parts tabulation', @910.2, #81, 'parts tabulation', @910.3, #84, 'parts tabulation'	M
@1162	*	Parts_list_body to Tdp_element_list_item (referenced_tdp_elements)	<not_present>	M
@1165	*	Parts_list_body to Revision (revision_history)	<not_present>	M
@1168	*	Parts_list to Parts_list_body (list_body)	@1154	M
@1169	*	Parts_list_header	#140, 'parts list header'	M
@1170	*	Parts_list_header to Header (common_header)	@688	M
@1171	*	Parts_list to Parts_list_header (list_header)	@1155	M
@1172	*	Person	#212	M
@1173	*	Person.first_name	<not_present>	M

Id	V	Application Elements	Value	Req
@1176	*	Person.last_name	#212, 'NULL'	S
@1177	*	Person.middle_name	<not_present>	M
@1179	*	Person.title	<not_present>	M
@1181	*	Person.unique_identifier	#212, 'BIGBADJOHN'	S
@1184	*	Design_authority to Person (person_responsible)	@449	M
@1205	*	Product_configuration	#126	M
@1206	*	Product_configuration.configuration_id	#126, '616SCPPAM100'	S
@1207	*	Product_configuration to Approval (approval_of_configuration)	<not_present>	M
@1210	*	Product_configuration to Product_model (product_name)	@1238	M
@1211	*	Configuration to Product_configuration (end_item_system_designation)	@171	M
@1214	*	Effectivity to Product_configuration (product)	@498.1 - @498.4	M
@1238	*	Product_model	#127	M
@1239	*	Product_model.model_name	#127, '737'	S
@1240	*	Product_configuration to Product_model (product_name)	@1210	M
@1251	*	Quantity	#72	M
@1255	*	Quantity.quantity_accuracy	#73, 'quantity accuracy', #74, 'as required'	M
@1258	*	Quantity.value	#72, 'as required'	M
@1262	*	Item_usage to Quantity (quantity_used_in_next_higher_assembly)	@962.1, @962.2	M
@1317	*	Release_authentication	#182	M
@1318	*	Release_authentication.authentication	#181, 'PDM'	S
@1319	*	Release_authentication to Person (person_responsible)	<not_present>	M
@1321	*	Release_authentication to Company (release_authority)	@134.1, #137, #138, 'release authentication'	M
@1322	*	Release_authentication to Company_code (release_authority_code)	<not_present>	M

Id	V	Application Elements	Value	Req
@1324	*	Release_authentication to Date (release_date)	@397, #187, #168, #189, 'release authentication'	M
@1325	*	Configuration to Release_authentication (release_authorizations)	@176	M
@1360	*	Security_classification	#135	M
@1361	*	Security_classification.item_classification	#135, 'item security classification', #136, PROPRIETARY'	C6
@1362	*	Security_classification.title_security_classification	<not_present>	M
@1364	*	Security_classification to Date (classification_date)	<not_present>	M
@1366	*	Security_classification to Date (declassification_date)	<not_present>	M
@1368	*	Configuration to Security_classification (security_identifications)	@179	M
@492.1	*	Effectivity (as Sequence_effectivity)	#26	M
@494.1	*	Effectivity.description	#22, 'availability'	S
@495	*	Effectivity to Approval (effectivity_approvals)	<not_present>	M
@498.1	*	Effectivity to Product_configuration (product)	@1205	M
@501	*	Item_usage to Effectivity (effective_on)	@958.1	M
@1372.1	*	Sequence_effectivity	#26	M
@1373.1	*	Sequence_effectivity.from_effectivity_id	#26, '100'	S
@1374	*	Sequence_effectivity.quantity_unit_of_measure	<not_present>	M
@1377.1	*	Sequence_effectivity.thru_effectivity_id	#26, '99999'	S
@1378	*	Sequence_effectivity to Quantity (total_component_quantity_in_product_configuration)	<not_present>	M
@492.2	*	Effectivity (as Sequence_effectivity)	#27	M
@494.2	*	Effectivity.description	#23, 'availability'	S
@498.2	*	Effectivity to Product_configuration (product)	@1205	M
@501		Item_usage to Effectivity (effective_on)	@958.2	M

Id	V	Application Elements	Value	Req
@1372. 2	*	Sequence_effectivity	#27	M
@1373. 2	*	Sequence_effectivity.from_effectivity_id	#27, '100'	S
@1377. 2	*	Sequence_effectivity.thru_effectivity_id	#27, '99999'	S
@492.3	*	Effectivity (as Sequence_effectivity)	#24	M
@494.3	*	Effectivity.description	#20, 'availability'	S
@498.3	*	Effectivity to Product_configuration (product)	@1205	M
@501		Item_usage to Effectivity (effective_on)	@958.3	M
@1372. 3	*	Sequence_effectivity	#24	M
@1373. 3	*	Sequence_effectivity.from_effectivity_id	#24, '100'	S
@1377. 3	*	Sequence_effectivity.thru_effectivity_id	#24, '99999'	S
@492.4	*	Effectivity (as Sequence_effectivity)	#25	M
@494.4	*	Effectivity.description	#21, 'availability'	S
@498.4	*	Effectivity to Product_configuration (product)	@1205	M
@501		Item_usage to Effectivity (effective_on)	@958.4	M
@1372. 4	*	Sequence_effectivity	#25	M
@1373. 4	*	Sequence_effectivity.from_effectivity_id	#25, '100'	S
@1377. 4	*	Sequence_effectivity.thru_effectivity_id	#25, '99999'	S
@1480	*	Status	#123	M
@1481	*	Status.status_code	#123, 'Approved'	S
@1482	*	Status.status_code_basis	<not_present>	M
@1484	*	Change_identification to Status (action_status)	@106	M
@1597	*	Tdp_element_and_item_association	#129	M

Id	V	Application Elements	Value	Req
@1598	*	Tdp_element_and_item_association to Item (related_item)	@837.1	M
@1599	*	Tdp_element_and_item_association to Tdp_element (related_tdp_element)	@1595	M
@1640	*	Time	#184	M
@1641	*	Time.hour	#184, 21	S
@1643	*	Time.minute	#184, 42	S
@1645	*	Time.second	#184, 15.296	S
@1646	*	Time.zone	#183, -8	S
@1647	*	Date to Time (specific_time)	@406	M

6.5.1.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc2, and gvc3.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following preprocessor-specific verdict criteria apply:

vc1: The instances of descriptive_representation_item that correspond to @1032.3 through @1032.11 are all referenced by the items attribute of the same instance of representation.

vc2: The instances of descriptive_representation_item that correspond to @1032.12 through @1032.14 are all referenced by the items attribute of the same instance of representation.

vc3: The instance of descriptive_representation_item that corresponds to @1032.<n> is referenced by the items attribute of a unique instance of representation.

6.5.1.4 Constraints on values

The following constraints apply as referenced in the input specification table:

c1: The value '1' is suggested; all other attribute values are mandatory.

c2: The value 'A'; is suggested; all other attribute values are mandatory.

c3: The value 'B'; is suggested; all other attribute values are mandatory.

c4: The value 'Work Group.Group Code'; is suggested; all other attribute values are mandatory.

c5: The value 'STANDARD NOTES'; is suggested; all other attribute values are mandatory.

c6: The value 'PROPRIETARY'; is suggested; all other attribute values are mandatory.

6.5.2 Postprocessor

6.5.2.1 Test purpose coverage

The following general test purposes are covered: g1, g4, and g5.

The following other test purposes are covered: other2, other5, and other6.

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any) whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following AIM test purposes are covered:

@aim4, @aim5, @aim46, @aim50, @aim52, @aim67, @aim68, @aim71, aim72, aim76, aim77, aim84, ...

6.5.2.2 Input specification

The postprocessor input specification is provided in electronic form only. See annex C.

6.5.2.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc4, and gvc5.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following specific verdict criteria apply:

6.6 4SMPL_revised

The goal of this test case is to create the type of Parts List called a Supplier Module Parts List (SMPL) with representation of two or more of each type of object that can occur in the SMPL. The SMPL in this test case is a revision of the SMPL from test case 4SMPL_initial. This test case includes net change information (test purpose ae916) relative to the earlier test case. In addition, this test case provides Notation instances applied to both design view and manufacturing view of Item_list and related List_item_usage. The view perspective does not occur explicitly in the ARM of AP232; this information occurs only in the exchange structure provided for the postprocessor test.

6.6.1 Preprocessor

6.6.1.1 Test purposes covered:

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any), whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following general test purposes are covered: g1, g2, and g3.

The following other test purposes are covered: other1, other8, other9, other14, other21, other34, other41, other43, other45, other47, and other48.

6.6.1.2 Input specification

Table 6 - Application elements for 4SMPL_revised

Id	V	Application Elements	Value	Req
@12	*	Alternate_element_identification	#270, #296, #282, 'document'	M
@13	*	Alternate_element_identification.identifying_number	#296, '616MODPAM900#0000002B'	S
@18		Alternate_element_identification to Design_authority (design_activity)	@444.1	M
@20		Alternate_element_identification to Element_type (element_classifications)	@550.2	M
@25		Element_identification to Alternate_element_identification (alternate_identities)	@5062	M
@27	*	Alternate_identification_of_item	#268	M
@28	*	Alternate_identification_of_item.identifying_number	#311, 'ATNSUP00001'	S
@30	*	Alternate_identification_of_item .nomenclature_or_name	<not_present>	M
@32	*	Alternate_identification_of_item to Change_identification (change)	<not_present>	M
@34	*	Alternate_identification_of_item to Item_type (classifications)	<not_present>	M
@37	*	Alternate_identification_of_item to Design_authority (design_activity)	@444.3	M
@38	*	Alternate_identification_of_item to Source_information_type (source_information)	<not_present>	M
@40	*	Item_identification to Alternate_identification_of_item (alternate_identities)	@875	M

Id	V	Application Elements	Value	Req
@42.1	*	Alternate_item	#306	M
@44.1	*	Alternate_item.type_of_alternate	#1310, 'SUBSTITUTION'	S
@51.1	*	Alternate_item to Item_usage (interchange_item)	@953.3	M
@52	*	Item to Alternate_item (alternates)	@843.2	M
@42.2	*	Alternate_item	#307	M
@44.2	*	Alternate_item.type_of_alternate	#1410, 'SUBSTITUTION'	S
@51.2	*	Alternate_item to Item_usage (interchange_item)	@953.4	M
@52		Item to Alternate_item (alternates)	@843.2	M
@42.3	*	Alternate_item	#308	M
@44.3	*	Alternate_item.type_of_alternate	#19, #15, 'SPARES INTERCHANGEABILITY'	S
@48.3	*	Alternate_item.usage_conditions	#19, '616EGPPAE902 IS AN ATA CODE 2 - Two way interchangeable REPLACEMENT FOR 616EGPPAE900. CONDITION DESCRIPTION GOES HERE'	S
@50.3	*	Alternate_item to Item (interchange_item)	@837.6	M
@52		Item to Alternate_item (alternates)	@843.2	M
@42.4	*	Alternate_item	#309	M
@44.4	*	Alternate_item.type_of_alternate	#20, #16, 'SPARES INTERCHANGEABILITY'	S
@48.4	*	Alternate_item.usage_conditions	#20, '616EGPPAE90201 IS AN ATA CODE 1 - One way interchangeable REPLACEMENT FOR 616EGPPAE900. WHERE CONDITION DESCRIPTION GOES HERE'	S
@50.4	*	Alternate_item to Item (interchange_item)	@837.7	M
@52		Item to Alternate_item (alternates)	@843.2	M
@84.1	*	Change_identification	#203, 'change identification'	M
@91.1		Change_identification.change_code	#203, 'revision with change'	M
@95.1	*	Change_identification.change_level	#179, 'change identification level', #186, '(1', 'change')	C1

Id	V	Application Elements	Value	Req
@99		Change_identification. revision_authorization_identities	#201, '1234-1234'	S
@104.1	*	Change_identification.revision_level	#178, 'change identification level', #185, ('B', 'revision'), #190, #142, #174, 'change identification', #261, 'B'	C2
@119		Element_identification to Change_identification (change_status)	@508	M
@84.2	*	Change_identification	#202, 'change identification'	M
@91.2		Change_identification.change_code	#202, 'revision with change'	M
@93		Change_identification.change_description	#207, THIS IS THE MANUFACTURING CHANGE LEVEL DESCRIPTION FIELD'	S
@95.2	*	Change_identification.change_level	#181, 'change identification level', #188, ('1', 'change')	C1
@102	*	Change_identification.revision_description	#206, 'THIS IS THE REVISION DESCRIPTION FIELD'	S
@104.2	*	Change_identification.revision_level	#180, 'change identification level', #187, ('B', 'revision'), #191, #144, #174, 'change identification', #260, 'B'	C2
@106		Change_identification to Status (action_status)	@1480	M
@108		Change_identification to Date (change_date)	@397	M
@112	*	Change_identification to Other_reference_document (revision_authorization_identities)	@1119.1, #159, #145, #176, 'revision authorization identification', #151, #115, #252, @1119.2, #160, #146, #176, 'revision authorization identification', #152, #116, #253	M
@123		Item_identification to Change_identification (change)	@878	M
@84.9		Change_identification	#204, 'change identification'	M
@90.9		Change_identification.change_code	#204, 'revision'	M
@104.9		Change_identification.revision_level	#182, 'change identification level', #189, ('B', 'revision'), #194, #149, #174, 'change identification'	C3
@119		Element_identification to Change_identification (change_status)	@508.99	M

Id	V	Application Elements	Value	Req
@134.1		Company	#222	M
@136		Company.address	#214, ('Headquarters', 'Drizzle', 'WA', '99999')	S
@137.1		Company.name	#222, 'The Errorspace Company'	S
@144		Design_authority to Company (design_activity_identification)	@445.1	M
@148		Release_authentication to Company (release_authority)	@1321	M
@134.2		Company	#223	M
@137.2		Company.name	#223, 'The Errorspace Company'	S
@144		Design_authority to Company (design_activity_identification)	@445.2	M
@134.3		Company	#224	M
@137.3		Company.name	#224, 'The Errorspace Company'	S
@144		Design_authority to Company (design_activity_identification)	@445.3	M
@152.1		Company_code	#222	M
@153.1		Company_code.code	#215, '99999'	S
@155.1		Company_code.type_of_code	#217, ('alias id', 'CAGE')	M
@158		Design_authority to Company_code (design_activity_code)	@447.1	M
@152.2		Company_code	#223	M
@153.2		Company_code.code	#216, 'P3124'	S
@155.2		Company_code.type_of_code	#218, ('alias id', 'Work Group.Group Code')	C4
@158		Design_authority to Company_code (design_activity_code)	@447.2	M
@164		Configuration	#138	M
@171		Configuration to Product_configuration (end_item_system_designation)	@1205	M
@176		Configuration to Release_authentication (release_authorizations)	@1317, #137, #1431, #175, 'release authentication'	M
@179		Configuration to Security_classification (security_identifications)	@1360	M

Id	V	Application Elements	Value	Req
@181		Header_configuration_with_element_identification to Configuration (data_configuration)	@722	M
@397		Date	#171	M
@399		Date.day	#171, 02	S
@401		Date.month	#171, 11	S
@404		Date.year	#171, 2000	S
@406		Date to Time (specific_time)	@1640	M
@409		Change_identification to Date (change_date)	@108	M
@423		Release_authentication to Date (release_date)	@1324	M
@444.1		Design_authority	#219	M
@4442		Design_authority.role	#221, 'id owner'	M
@445.1		Design_authority to Company (design_activity_identification)	@134.1	M
@447.1		Design_authority to Company_code (design_activity_code)	@152.1	M
@450		Alternate_element_identification to Design_authority (design_activity)	@18	M
@454		Element_identification to Design_authority (design_activities)	@509.1	M
@444.2		Design_authority	#210	M
@4442		Design_authority.role	#221, 'id owner'	M
@445.2		Design_authority to Company (design_activity_identification)	@134.2	M
@447.2		Design_authority to Company_code (design_activity_code)	@152.2	M
@449		Design_authority to Person (person_responsible)	@1172	M
@454		Element_identification to Design_authority (design_activities)	@509.2	M
@456		Item_identification to Design_authority (design_activity)	@882.1	M
@444.3	*	Design_authority	#220	M
@4442		Design_authority.role	#221, 'id owner'	M

Id	V	Application Elements	Value	Req
@445.3		Design_authority to Company (design_activity_identification)	@134.3	M
@452	*	Alternate_identification_of_item to Design_authority (design_activity)	@37	M
@455		Element_identification to Design_authority (design_activities)	@509.4 - @509.99	M
@457		Item_identification to Design_authority (design_activity)	@882.2 - @882.8	M
@503.1	*	Element_identification	#261, #295, #282, 'document'	M
@504.1	*	Element_identification.identifying_number	#295, '616SCPPAM100,616MODPA M900'	S
@506		Element_identification.title	#295, 'THIS IS THE TITLE FIELD FOR A MODULE'	S
@5062		Element_identification to Alternate_element_identification (alternate_identifications)	@12, #251, 'alternate element identification'	M
@508		Element_identification to Change_identification (change_status)	@84.1	M
@509.1		Element_identification to Design_authority (design_activities)	@444.1	M
@511.1		Element_identification to Element_type (element_classifications)	@550.1	M
@526		Header_configuration_with_element_identification to Element_identification (identification)	@723	M
@503.2	*	Element_identification	#252, #298, #282, 'document'	M
@504.2	*	Element_identification.identifying_number	#298, '23341'	S
@509.2		Element_identification to Design_authority (design_activities)	@444.2	M
@512.2		Element_identification to Element_type (element_classifications)	@550.3, @550.4	M
@520		Reference_document to Element_identification (document_identification)	@1288.1	M
@503.3	*	Element_identification	#254, #301, #282, 'document'	M
@504.3	*	Element_identification.identifying_number	#301, '616PSTBAB100,1'	S

Id	V	Application Elements	Value	Req
@509.3	*	Element_identification to Design_authority (design_activities)	@444.3	M
@511.3	*	Element_identification to Element_type (element_classifications)	@550.5	M
@524	*	Item_list_drawing to Element_identification (drawing_number)	@928	M
@536	*	Notation to Element_identification (referenced_document_in_note)	@1045.11	M
@503.4	*	Element_identification	#255, #302, #282, 'document'	M
@504.4	*	Element_identification.identifying_number	#302, '616EGDBAB100'	S
@509.4	*	Element_identification to Design_authority (design_activities)	@444.3	M
@511.4	*	Element_identification to Element_type (element_classifications)	@550.6	M
@536		Notation to Element_identification (referenced_document_in_note)	@1045.14	M
@503.5	*	Element_identification	#256, #303, #282, 'document'	M
@504.5	*	Element_identification.identifying_number	#303, '616ARABAB100'	S
@509.5	*	Element_identification to Design_authority (design_activities)	@444.3	M
@511.5	*	Element_identification to Element_type (element_classifications)	@550.5	M
@536		Notation to Element_identification (referenced_document_in_note)	@1045.15	M
@503.6	*	Element_identification	#257, #304, #282, 'document'	M
@504.6	*	Element_identification.identifying_number	#304, 'EF6160004'	S
@509.6	*	Element_identification to Design_authority (design_activities)	@444.3	M
@511.6	*	Element_identification to Element_type (element_classifications)	@550.7	M
@536		Notation to Element_identification (referenced_document_in_note)	@1045.27	M
@503.7	*	Element_identification	#258, #305, #282, 'document'	M
@504.7	*	Element_identification.identifying_number	#305, 'EEF6160004'	S

Id	V	Application Elements	Value	Req
@509.7	*	Element_identification to Design_authority (design_activities)	@444.3	M
@511.7	*	Element_identification to Element_type (element_classifications)	@550.7	M
@536		Notation to Element_identification (referenced_document_in_note)	@1045.28	M
@503.8	*	Element_identification	#253, #299, #282, 'document'	M
@504.8	*	Element_identification.identifying_number	#299, '23342'	S
@509.8	*	Element_identification to Design_authority (design_activities)	@444.2	M
@512.8	*	Element_identification to Element_type (element_classifications)	@550.3, @550.4	M
@520		Reference_document to Element_identification (document_identification)	@1288.2	M
@503.9	*	Element_identification	#259, #313, #282, 'document'	M
@504.9	*	Element_identification.identifying_number	#313, 'EDS-1057_SMPL'	S
@508.9	*	Element_identification to Change_identification (change_status)	@84.9	M
@509.9	*	Element_identification to Design_authority (design_activities)	@444.3	M
@536		Notation to Element_identification (referenced_document_in_note)	@1045.99	M
@550.1		Element_type	#284	M
@551.1		Element_type.element_code	#284, 'Supplier Module Parts List'	S
@553.1		Element_type.type_of_coding_scheme	#284, 'Distribution Product'	S
@558		Element_identification to Element_type (element_classifications)	@511.1	M
@550.2		Element_type	#285	M
@551.2		Element_type.element_code	#285, 'SMPL IDENTIFIER'	S
@556		Alternate_element_identification to Element_type (element_classifications)	@22	M
@550.3	*	Element_type	#288	M
@551.3	*	Element_type.element_code	#288, 'PRR'	S

Id	V	Application Elements	Value	Req
@553.3		Element_type.type_of_coding_scheme	#288, 'Change Identifier.Change Type'	S
@559	*	Element_identification to Element_type (element_classifications)	@512.2, @512.8	M
@550.4	*	Element_type	#289	M
@551.4	*	Element_type.element_code	#289, 'NA'	S
@553.4		Element_type.type_of_coding_scheme	#289, 'Change Identifier.Customer Variable'	S
@559		Element_identification to Element_type (element_classifications)	@512.2, @512.8	M
@550.5		Element_type	#292	M
@551.5		Element_type.element_code	#292, 'drawing'	S
@559		Element_identification to Element_type (element_classifications)	@511.3, @511.5	M
@550.6		Element_type	#293	M
@551.6		Element_type.element_code	#293, 'product data set'	S
@558		Element_identification to Element_type (element_classifications)	@511.4	M
@550.7		Element_type	#294	M
@551.7		Element_type.element_code	#294, 'function'	S
@559		Element_identification to Element_type (element_classifications)	@511.6, @511.7	M
@688		Header	#138	M
@699		Header to Header_configuration_with_element_identification (header_configuration)	@721	M
@705		Parts_list_header to Header (common_header)	@1170	M
@721		Header_configuration_with_element_identification	#138	M
@722		Header_configuration_with_element_identification to Configuration (data_configuration)	@164	M
@723		Header_configuration_with_element_identification to Element_identification (identification)	@503.1	M

Id	V	Application Elements	Value	Req
@726		Header to Header_configuration_with_element_identification (header_configuration)	@699	M
@837.1	*	Item	#226	M
@839.1		Item.item_contexts	#260, #297, #315, 'Production'	S
@850.1		Item to Item_identification (identification)	@869.1	M
@857.1		Item to Notation (notes)	@1032.1, @1032.2	M
@867		Tdp_element_and_item_association to Item (related_item)	@1598	M
@837.2	*	Item	#230	M
@843.2	*	Item to Alternate_item (alternates)	@42.1 - @42.4	M
@850.2	*	Item to Item_identification (identification)	@869.2	M
@861	*	Item_usage to Item (being_defined_for)	@956.1	M
@837.3	*	Item	#231	M
@850.3	*	Item to Item_identification (identification)	@869.2	M
@862	*	Item_usage to Item (being_defined_for)	@956.2, @956.11	M
@837.4	*	Item	#233	M
@850.4	*	Item to Item_identification (identification)	@869.3	M
@861		Item_usage to Item (being_defined_for)	@956.3	M
@837.5	*	Item	#234	M
@850.5	*	Item to Item_identification (identification)	@869.4	M
@861		Item_usage to Item (being_defined_for)	@956.4	M
@837.6	*	Item	#235	M
@850.6	*	Item to Item_identification (identification)	@869.5	M
@8621	*	Alternate_item to Item (interchange_item)	@50.3	M
@837.7	*	Item	#236	M
@850.7	*	Item to Item_identification (identification)	@869.6	M
@8621		Alternate_item to Item (interchange_item)	@50.4	M
@837.8	*	Item	#237	M

Id	V	Application Elements	Value	Req
@850.8	*	Item to Item_identification (identification)	@869.7	M
@862		Item_usage to Item (being_defined_for)	@956.6, @956.8	M
@837.9	*	Item	#238	M
@850.9	*	Item to Item_identification (identification)	@869.7	M
@862		Item_usage to Item (being_defined_for)	@956.7, @956.9	M
@837.10	*	Item	#240	M
@850.10	*	Item to Item_identification (identification)	@869.8	M
@861		Item_usage to Item (being_defined_for)	@956.10	M
@869.1	*	Item_identification	#260	M
@870.1	*	Item_identification.identifying_number	#297, '616MODPAM900'	S
@878		Item_identification to Change_identification (change)	@84.2	M
@881		Item_identification to Item_type (classifications)	@945.1, @945.2	M
@882.1		Item_identification to Design_authority (design_activity)	@444.2	M
@896		Item to Item_identification (identification)	@850.1	M
@899		Item_list to Item_identification (list_for)	@921.1, @921.2, @921.4	M
@869.2	*	Item_identification	#262	M
@870.2	*	Item_identification.identifying_number	#300, '616EGPPAE900'	S
@873.2	*	Item_identification.nomenclature_or_name	#300, 'DESCRIPTION FIELD FOR ENGINEERING PART'	S
@880.2	*	Item_identification to Item_type (classifications)	@945.3	M
@882.2	*	Item_identification to Design_authority (design_activity)	@444.3	M
@897	*	Item to Item_identification (identification)	@850.2, @850.3	M
@869.3	*	Item_identification	#263	M
@870.3	*	Item_identification.identifying_number	#306, '616EGPPAE90001'	S
@873.3	*	Item_identification.nomenclature_or_name	#306, 'DESCRIPTION FIELD FOR SUBSTITUTE ENGINEERING PART'	S
@880.3	*	Item_identification to Item_type (classifications)	@945.3	M

Id	V	Application Elements	Value	Req
@882.3	*	Item_identification to Design_authority (design_activity)	@444.3	M
@896		Item to Item_identification (identification)	@850.4	M
@869.4	*	Item_identification	#264	M
@870.4	*	Item_identification.identifying_number	#307, '616EGPPAE90002'	S
@873.4	*	Item_identification.nomenclature_or_name	#307, 'DESCRIPTION FIELD FOR SUBSTITUTE ENGINEERING PART'	S
@880.4	*	Item_identification to Item_type (classifications)	@945.3	M
@882.4	*	Item_identification to Design_authority (design_activity)	@444.3	M
@896		Item to Item_identification (identification)	@850.5	M
@869.5	*	Item_identification	#265	M
@870.5	*	Item_identification.identifying_number	#308, '616EGPPAE902'	S
@873.5	*	Item_identification.nomenclature_or_name	#308, 'DESCRIPTION FIELD FOR ENGINEERING PART'	S
@880.5	*	Item_identification to Item_type (classifications)	@945.3	M
@882.5	*	Item_identification to Design_authority (design_activity)	@444.3	M
@896		Item to Item_identification (identification)	@850.6	M
@869.6	*	Item_identification	#266	M
@870.6	*	Item_identification.identifying_number	#309, '616EGPPAE90201'	S
@873.6	*	Item_identification.nomenclature_or_name	#309, 'DESCRIPTION FIELD FOR ENGINEERING PART'	S
@880.6	*	Item_identification to Item_type (classifications)	@945.3	M
@882.6	*	Item_identification to Design_authority (design_activity)	@444.3	M
@896		Item to Item_identification (identification)	@850.7	M
@869.7	*	Item_identification	#267	M
@870.7	*	Item_identification.identifying_number	#310, '616SUPPAE900'	S
@873.7	*	Item_identification.nomenclature_or_name	#310, 'DESCRIPTION FIELD FOR SUPPLIED PART'	S

Id	V	Application Elements	Value	Req
@875	*	Item_identification to Alternate_identification_of_item (alternate_identities)	@27, #316, 'alternate part identification', #311	M
@880.7	*	Item_identification to Item_type (classifications)	@945.3	M
@882.7	*	Item_identification to Design_authority (design_activity)	@444.3	M
@897		Item to Item_identification (identification)	@850.8, @850.9	M
@869.8	*	Item_identification	#269	M
@870.8	*	Item_identification.identifying_number	#312, '616STPPAE100'	S
@880.8	*	Item_identification to Item_type (classifications)	@945.3	M
@882.8	*	Item_identification to Design_authority (design_activity)	@444.3	M
@896		Item to Item_identification (identification)	@850.10	M
@910.1	*	Item_list	#227, #73, #244, 'item list'	M
@911.1	*	Item_list.type_of_component_list	#74, #247, 'module components list'	S
@919.1	*	Item_list to Item_usage (component_of)	@953.1, @953.6	M
@921.1	*	Item_list to Item_identification (list_for)	@869.1	M
@923	*	Parts_list_body to Item_list (parts_tabulations)	@1160	M
@910.2	*	Item_list	#228, #76, #244, 'item list'	M
@911.2	*	Item_list.type_of_component_list	#77, #247, 'module components list'	S
@919.2	*	Item_list to Item_usage (component_of)	@953.2, @953.7	M
@921.2	*	Item_list to Item_identification (list_for)	@869.1	M
@923		Parts_list_body to Item_list (parts_tabulations)	@1160	M
@910.3	*	Item_list	#232, #79, #244, 'item list'	M
@913	*	Item_list.type_of_component_list	#80, #250, 'installation drawing component list'	M
@918	*	Item_list to Item_usage (component_of)	@953.8	M
@922	*	Item_list to Item_list_drawing (list_for)	@925	M
@923		Parts_list_body to Item_list (parts_tabulations)	@1160	M
@910.4	*	Item_list	#229, #71, #244, 'item list'	M

Id	V	Application Elements	Value	Req
@916	*	Item_list.type_of_component_list	#72, #245, 'net change list'	M
@919.4	*	Item_list to Item_usage (component_of)	@953.9 - @953.11	M
@921.4	*	Item_list to Item_identification (list_for)	@869.1	M
@923		Parts_list_body to Item_list (parts_tabulations)	@1160	M
@925	*	Item_list_drawing	#254, #301, #282, 'document'	M
@926	*	Item_list_drawing to Item_identification (assembly_item_list_applies_to)	<not_present>	M
@928	*	Item_list_drawing to Element_identification (drawing_number)	@503.3	M
@929	*	Item_list to Item_list_drawing (list_for)	@922	M
@945.1		Item_type	#286	M
@946.1		Item_type.item_code	#286, 'module'	S
@951		Item_identification to Item_type (classifications)	@881	M
@945.2	*	Item_type	#290	M
@946.2	*	Item_type.item_code	#290, '1'	S
@948	*	Item_type.type_of_coding_scheme	#prpc, 'TAILORED BUSINESS STREAM'	S
@951		Item_identification to Item_type (classifications)	@881	M
@945.3		Item_type	#291	M
@946.3		Item_type.item_code	#291, 'part'	S
@952		Item_identification to Item_type (classifications)	@880.2 - @880.8	M
@953.1	*	Item_usage	#197, 'item usage'	M
@956.1	*	Item_usage to Item (being_defined_for)	@837.2, #230, #75, #246, 'item in list'	M
@958.1	*	Item_usage to Effectivity (effective_on)	@492.1	M
@960.1	*	Item_usage to List_item_usage (list_item)	@971.1	M
@962.1	*	Item_usage to Quantity (quantity_used_in_next_higher_assembly)	@1251.1	M
@968	*	Item_list to Item_usage (component_of)	@919.1	M
@953.2	*	Item_usage	#198, 'item usage'	M
@956.2	*	Item_usage to Item (being_defined_for)	@837.3, #231, #78, #246, 'item in list'	M

Id	V	Application Elements	Value	Req
@958.2	*	Item_usage to Effectivity (effective_on)	in list' @492.2	M
@960.2	*	Item_usage to List_item_usage (list_item)	@971.2	M
@962.2	*	Item_usage to Quantity (quantity_used_in_next_higher_assembly)	@1251.2	M
@968		Item_list to Item_usage (component_of)	@919.2	M
@953.3	*	Item_usage	#17, 'substitution'	M
@956.3	*	Item_usage to Item (being_defined_for)	@837.4, #233, #81, #246, 'item in list'	M
@962.3	*	Item_usage to Quantity (quantity_used_in_next_higher_assembly)	@1251.3	M
@969	*	Alternate_item to Item_usage (interchange_item)	@51.1	M
@953.4	*	Item_usage	#18, 'substitution'	M
@956.4	*	Item_usage to Item (being_defined_for)	@837.5, #234, #82, #246, 'item in list'	M
@962.4	*	Item_usage to Quantity (quantity_used_in_next_higher_assembly)	@1251.4	M
@969		Alternate_item to Item_usage (interchange_item)	@51.2	M
@953.6	*	Item_usage	#199, 'item usage'	M
@956.6	*	Item_usage to Item (being_defined_for)	@837.8, #237, #85, #246, 'item in list'	M
@958.6	*	Item_usage to Effectivity (effective_on)	@492.3	M
@962.6	*	Item_usage to Quantity (quantity_used_in_next_higher_assembly)	@1251.4	M
@968		Item_list to Item_usage (component_of)	@919.1	M
@953.7	*	Item_usage	#200, 'item usage'	M
@956.7	*	Item_usage to Item (being_defined_for)	@837.9, #238, #86, #246, 'item in list'	M
@958.7	*	Item_usage to Effectivity (effective_on)	@492.4	M
@960.7	*	Item_usage to List_item_usage (list_item)	@971.3	M
@962.7	*	Item_usage to Quantity (quantity_used_in_next_higher_assembly)	@1251.4	M
@968		Item_list to Item_usage (component_of)	@919.2	M

Id	V	Application Elements	Value	Req
@953.8	*	Item_usage	#21, 'item usage'	M
@956.8	*	Item_usage to Item (being_defined_for)	@837.4, #237, #85, #246, 'item in list'	M
@960.8	*	Item_usage to List_item_usage (list_item)	@971.3	M
@968		Item_list to Item_usage (component_of)	@918	M
@953.9	*	Item_usage	#195, 'item usage'	M
@956.9	*	Item_usage to Item (being_defined_for)	@837.9, #238, #86, #246, 'item in list'	M
@964.9	*	Item_usage to Retrofit_usage (retrofit)	@1327.1	M
@968		Item_list to Item_usage (component_of)	@919.4	M
@953.10	*	Item_usage	#196, 'item usage'	M
@956.10	*	Item_usage to Item (being_defined_for)	@837.10, #240, #88, #246, 'item in list'	M
@964.10	*	Item_usage to Retrofit_usage (retrofit)	@1327.2	M
@968		Item_list to Item_usage (component_of)	@919.4	M
@953.11	*	Item_usage	#1961, 'item usage'	M
@956.11	*	Item_usage to Item (being_defined_for)	@837.3, #231, #78, #246, 'item in list'	M
@964.11	*	Item_usage to Retrofit_usage (retrofit)	@1327.3	M
@968		Item_list to Item_usage (component_of)	@919.4	M
@971.1	*	List_item_usage	#197	M
@986.1	*	List_item_usage to Notation (entry_notes)	@1032.3 - @1032.22	M
@987	*	Item_usage to List_item_usage (list_item)	@960.1	M
@971.2	*	List_item_usage	#198	M
@986.2	*	List_item_usage to Notation (entry_notes)	@1032.23 - @1032.28	M
@987		Item_usage to List_item_usage (list_item)	@960.2	M
@971.3	*	List_item_usage	#21	M
@982	*	List_item_usage.reference_designators	#21, '4125'	S

Id	V	Application Elements	Value	Req
@984	*	List_item_usage to Notation (entry_notes)	<not_present>	M
@987		Item_usage to List_item_usage (list_item)	@960.8	M
@1032. 1	*	Notation	#96, #48, 'notation'	M
@1033. 1	*	Notation.note	#96, '1'	S
@1038. 1	*	Notation.note_title	#96, 'TAILORED BUSINESS STREAM'	S
@1065	*	Item to Notation (notes)	@857.1	M
@1032. 2	*	Notation	#97, #48, 'notation'	M
@1033. 2	*	Notation.note	#97, '123456'	S
@1038. 2	*	Notation.note_title	#97, 'MATERIAL IDENTIFIER AND TEST REQUIREMENTS CODE'	S
@1065		Item to Notation (notes)	@857.1	M
@1032. 3	1	Notation	#106, #57, 'notation'	M
@1033. 3	*	Notation.note	#106, 'TWILIGHT ZONE'	S
@1038. 3	*	Notation.note_title	#106, 'AIRPLANE MAINTENANCE ZONE'	S
@1059	*	List_item_usage to Notation (entry_notes)	@986.1	M
@1032. 4	1	Notation	#107, #57, 'notation'	M
@1033. 4	*	Notation.note	#107, 'Left Body X = 120A+12.25 Y = -98.133 Z = 118.55'	S
@1038. 4	*	Notation.note_title	#107, 'COORDINATE SYSTEM LOCATION'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032. 5	1	Notation	#108, #57, 'notation'	M
@1033. 5	*	Notation.note	#108, 'FIND NUMBER 12'	S

Id	V	Application Elements	Value	Req
5 @1038. 5	*	Notation.note_title	#108, 'FIND NUMBER'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032. 6	1	Notation	#109, #57, 'notation'	M
@1033. 6	*	Notation.note	#109, '989'	S
@1038. 6	*	Notation.note_title	#109, 'FLAG MARKER'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032. 7	1	Notation	#110, #57, 'notation'	M
@1033. 7	*	Notation.note	#110, '600'	S
@1038. 7	*	Notation.note_title	#110, 'INSTALLATION NUMBER'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032. 8	1	Notation	#111, #57, 'notation'	M
@1033. 8	*	Notation.note	#111, '4125'	S
@1038. 8	*	Notation.note_title	#111, 'LOCATOR NUMBER'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032. 9	1	Notation	#112, #57, 'notation'	M
@1033. 9	*	Notation.note	#112, 'ABC'	S
@1038. 9	*	Notation.note_title	#112, 'MISCELLANEOUS LOCATION'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032. 10	1	Notation	#113, #57, 'notation'	M
@1033. 10	*	Notation.note	#113, '99D15'	S

Id	V	Application Elements	Value	Req
10 @1038. 10 @1059	*	Notation.note_title List_item_usage to Notation (entry_notes)	#113, 'ZONE' @986.1	S M
@1032. 11 @1033. 11 @1038. 11 @1045. 11 @1059	1 * * *	Notation Notation.note Notation.note_title Notation to Element_identification (referenced_document_in_note) List_item_usage to Notation (entry_notes)	#90, #57, 'notation' #90, '616PSTBAB100 SHEET 1' #90, 'DRAWING' @503.3 @986.1	M S S M M
@1032. 12 @1033. 12 @1038. 12 @1059	2 * * *	Notation Notation.note Notation.note_title List_item_usage to Notation (entry_notes)	#1071, #58, 'notation' #1071, 'Left Body X = 110A+11.25 Y = -88.133 Z = 108.55' #1071, 'COORDINATE SYSTEM LOCATION' @986.1	M S S M
@1032. 13 @1033. 13 @1038. 13 @1059	2 * * *	Notation Notation.note Notation.note_title List_item_usage to Notation (entry_notes)	#1111, #58, 'notation' #1111, '4123' #1111, 'LOCATOR NUMBER' @986.1	M S S M
@1032. 14 @1033. 14 @1038. 14	2 * *	Notation Notation.note Notation.note_title	#91, #58, 'notation' #91, '616EGDBAB100' #91, 'DATASET FILE NAME'	M S S

Id	V	Application Elements	Value	Req
@1045.14	*	Notation to Element_identification (referenced_document_in_note)	@503.4	M
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.15	4	Notation	#98, #49, 'notation'	M
@1033.15	*	Notation.note	#98, 'VALUE ABC per 616MODDOC001VALUE XYZ'	S
@1038.15	*	Notation.note_title	#98, 'DOCUMENT'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.16	4	Notation	#99, #50, 'notation'	M
@1033.16	*	Notation.note	#99, 'TEXT FIELD FOR FREE FORM NOTE 1'	S
@1038.16	*	Notation.note_title	#99, 'TITLE FIELD FOR FREE FORM NOTE 1'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.17	4	Notation	#103, #54, 'notation'	M
@1033.17	*	Notation.note	#103, '616ICD00001'	S
@1038.17	*	Notation.note_title	#103, 'INTERFACE CONTROL DATABASE NUMBER'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.18	4	Notation	#100, #51, 'notation'	M
@1033.18	*	Notation.note	#100, 'VALUE PS1 PER 616PROCSPEC001 VALUE PS2'	S
@1038.18	*	Notation.note_title	#100, 'PROCESS SPECIFICATION'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.19	4	Notation	#102, #53, 'notation'	M
@1033.19	*	Notation.note	#102, 'TEXT FIELD FOR STRUCTURED NOTE 1'	S

Id	V	Application Elements	Value	Req
@1038.19	*	Notation.note_title	#102, 'TITLE FIELD FOR STRUCTURED NOTE 1 VALUE 1 VALUE 2'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.20	4	Notation	#104, #55, 'notation'	M
@1033.20	*	Notation.note	#104, '616FIN00001 DESCRIPTION FIELD FOR FINISH NOTE COLOR DEFINITION GOES HERE APPLICATION INFORMATION GOES HERE FINISH LOCATION GOES HERE'	S
@1038.20	*	Notation.note_title	#104, 'FINISH – SEQUENCE 1'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.21	4	Notation	#93, #63, 'notation'	M
@1033.21	*	Notation.note	#93, 'TYPE - Fulfills Function, EQUIPMENT NUMBER EF6160004, DESCRIPTION FIELD FOR EQUIPMENT FUNCTION.'	S
@1038.21	*	Notation.note_title	#93, 'FUNCTIONAL LINK'	S
@1045.21	*	Notation to Element_identification (referenced_document_in_note)	@503.6	M
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.22	4	Notation	#94, #64, 'notation'	M
@1033.22	*	Notation.note	#94, 'TYPE - Fulfills Function, EQUIPMENT NUMBER EEF6160004, WIRS MODEL NUMBER 737, DESCRIPTION FIELD FOR ELECTRICAL EQUIPMENT FUNCTION.'	S
@1038.22	*	Notation.note_title	#94, 'FUNCTIONAL LINK'	S
@1045.22	*	Notation to Element_identification (referenced_document_in_note)	@503.7	M

Id	V	Application Elements	Value	Req
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.23	4	Notation	#1141, #61, 'notation'	M
@1033.23	*	Notation.note	#1141, 'SUBKIT FOR 616ECPAE900, ENGINEERING PART. THIS IS THE TITLE FIELD FOR INSTALLATION PLAN'	S
@1038.23	*	Notation.note_title	#1141, 'INSTALLATION PLAN'	S
@1059		List_item_usage to Notation (entry_notes)	@986.2	M
@1032.24	4	Notation	#1142, #62, 'notation'	M
@1033.24	*	Notation.note	#1142, 'SUBKIT FOR 616ECPAE900, ENGINEERING PART. THIS IS THE TITLE FIELD FOR SECOND INSTALLATION PLAN'	S
@1038.24	*	Notation.note_title	#1142, 'INSTALLATION PLAN'	S
@1059		List_item_usage to Notation (entry_notes)	@986.2	M
@1032.25	3	Notation	#92, #59, 'notation'	M
@1033.25	*	Notation.note	#92, '616ARABAB100'	S
@1038.25	*	Notation.note_title	#92, 'DRAWING'	S
@1045.25	*	Notation to Element_identification (referenced_document_in_note)	@503.5	M
@1059		List_item_usage to Notation (entry_notes)	@986.2	M
@1032.26	3	Notation	#114, #59, 'notation'	M
@1033.26	*	Notation.note	#114, '123'	S
@1038.26	*	Notation.note_title	#114, 'ROUTING AREA CODE'	S
@1059		List_item_usage to Notation (entry_notes)	@986.2	M

Id	V	Application Elements	Value	Req
@1032.27	4	Notation	#101, #52, 'notation'	M
@1033.27	*	Notation.note	#101, 'TEXT FIELD FOR FREE FORM NOTE 2'	S
@1038.27	*	Notation.note_title	#101, 'TITLE FIELD FOR FREE FORM NOTE 2'	S
@1059		List_item_usage to Notation (entry_notes)	@986.2	M
@1032.28	4	Notation	#105, #56, 'notation'	M
@1033.28	*	Notation.note	#105, 'TEXT FIELD FOR STRUCTURED NOTE 2'	S
@1038.28	*	Notation.note_title	#105, 'TITLE FIELD FOR STRUCTURED NOTE 2 VALUE 1 VALUE 2'	S
@1059		List_item_usage to Notation (entry_notes)	@986.2	M
@1032.99		Notation	#95, #65, 'notation'	M
@1033.99		Notation.note	#95, 'NOTICE - THE INFORMATION CONTAINED HEREIN IS PROPRIETARY.'	S
@1037		Notation.note_title	<not_present>	M
@1042		Notation.type_of_notation	#10, #11, 'type of notation', #12, 'STANDARD NOTES'	C5
@1045.99		Notation to Element_identification (referenced_document_in_note)	@503.9	M
@1063		Parts_list_body to Notation (notes_list)	@1158	M
@1285.1		Reference_document (as Other_reference_document)	#252, #298, #282, 'document', #274, #287, 'reference document'	M
@1288.1		Reference_document to Element_identification (document_identification)	@503.2	M
@1119.1		Other_reference_document	#252, #298, #282, 'document', #2401, #2403, #317, 'reference document'	M
@1128		Change_identification to Other_reference_document (revision_authorization_identifications)	@112	M
@1285.2		Reference_document (as Other_reference_document)	#253, #299, #282, 'document', #274, #287, 'reference document'	M

Id	V	Application Elements	Value	Req
@1288.2		Reference_document to Element_identification (document_identification)	@503.8	M
@1119.2		Other_reference_document	#253, #299, #282, 'document', #2402, #2403, #317, 'reference document'	M
@1128		Change_identification to Other_reference_document (revision_authorization_identities)	@112	M
@1591		Tdp_element (as Associated_list)	#261, #295, #282, 'document', #271, #283, 'parts list'	M
@1595		Tdp_element_and_item_association to Tdp_element (related_tdp_element)	@1597	M
@71		Associated_list (as Parts_list)	#261, #295, #283, 'parts list'	M
@1153	*	Parts_list	#261, #295, #282, 'document', #271, #283, 'parts list'	M
@1154		Parts_list to Parts_list_body (list_body)	@1156	M
@1155		Parts_list to Parts_list_header (list_header)	@1169	M
@1156	*	Parts_list_body	#225, 'parts list body'	M
@1158		Parts_list_body to Notation (list_notes)	@1032.99	M
@1161		Parts_list_body to Item_list (parts_tabulations)	@910.1, #68, 'parts tabulation', @910.2, #69, 'parts tabulation', @910.3, #70, 'parts tabulation', @910.4, #67, 'parts tabulation'	M
@1168		Parts_list to Parts_list_body (list_body)	@1154	M
@1169	*	Parts_list_header	#138, 'parts list header'	M
@1170		Parts_list_header to Header (common_header)	@688	M
@1171		Parts_list to Parts_list_header (list_header)	@1155	M
@1172		Person	#212	M
@1176		Person.last_name	#212, '/NULL'	S
@1181	*	Person.unique_identifier	#212, 'BIGBADJOHN'	S
@1184		Design_authority to Person (person_responsible)	@449	M
@1205	*	Product_configuration	#128	M
@1206	*	Product_configuration.configuration_id	#128, '616SCPPAM100'	S

Id	V	Application Elements	Value	Req
@1210		Product_configuration to Product_model (product_name)	@1238	M
@1211		Configuration to Product_configuration (end_item_system_designation)	@171	M
@1214		Effectivity to Product_configuration (product)	@498.1 - @498.4	M
@1238	*	Product_model	#129	M
@1239	*	Product_model.model_name	#129, '737'	S
@1240		Product_configuration to Product_model (product_name)	@1210	M
@1251. 1	*	Quantity	#1262	M
@1256. 1	*	Quantity.quantity_accuracy	#1263, #1264, 'exact'	M
@1257. 1	*	Quantity.value	#1262, 3	S
@1261	*	Item_usage to Quantity (quantity_used_in_next_higher_assembly)	@962.1	M
@1251. 2	*	Quantity	#1265	M
@1256. 2	*	Quantity.quantity_accuracy	#1266, #1264, 'exact'	M
@1257. 2	*	Quantity.value	#1265, 2	S
@1261		Item_usage to Quantity (quantity_used_in_next_higher_assembly)	@962.2	M
@1251. 3	*	Quantity	#1262	M
@1256. 3	*	Quantity.quantity_accuracy	#1263, #1264, 'exact'	M
@1257. 3	*	Quantity.value	#1262, 3	S
@1261		Item_usage to Quantity (quantity_used_in_next_higher_assembly)	@962.3	M
@1251. 4	*	Quantity	#1267	M

Id	V	Application Elements	Value	Req
@1254.4	*	Quantity.quantity_accuracy	#1268, #1269, 'approximate'	M
@1257.4	*	Quantity.value	#1267, 2	S
@1262	*	Item_usage to Quantity (quantity_used_in_next_higher_assembly)	@962.4, @962.6, @962.7	M
@1317		Release_authentication	#168	M
@1318		Release_authentication.authentication	#167, 'PDM'	S
@1321		Release_authentication to Company (release_authority)	@134.1, #135, #136, 'release authentication'	M
@1324		Release_authentication to Date (release_date)	@397, #173, #143, #175, 'release authentication'	M
@1325		Configuration to Release_authentication (release_authorizations)	@176	M
@1327.1	*	Retrofit_usage	#192, #147, #177, 'retrofit usage'	M
@1328	*	Retrofit_usage.disposition_for	#183, #208, 'add'	M
@1331	*	Retrofit_usage to Other_reference_document (defining_document)	<not_present>	M
@1333	*	Retrofit_usage to Notation (retrofit_description)	<not_present>	M
@1335	*	Item_usage to Retrofit_usage (retrofit)	@964.9	M
@1327.2	*	Retrofit_usage	#193, #148, #177, 'retrofit usage'	M
@1329	*	Retrofit_usage.disposition_for	#184, #209, 'delete'	M
@1335		Item_usage to Retrofit_usage (retrofit)	@964.10	M
@1327.3	*	Retrofit_usage	#1931, #1481, #177, 'retrofit usage'	M
@1330	*	Retrofit_usage.disposition_for	#1841, #2091, 'modify'	M
@1335		Item_usage to Retrofit_usage (retrofit)	@964.11	M
@1360		Security_classification	#133	M
@1361		Security_classification.item_classification	#133, 'item security classification', #134, PROPRIETARY'	C6

Id	V	Application Elements	Value	Req
@1368		Configuration to Security_classification (security_identifications)	@179	M
@492.1	*	Effectivity (as Sequence_effectivity)	#26	M
@494.1	*	Effectivity.description	#22, 'availability'	S
@498.1	*	Effectivity to Product_configuration (product)	@1205	M
@501	*	Item_usage to Effectivity (effective_on)	@958.1	M
@1372.1	*	Sequence_effectivity	#26	M
@1373.1	*	Sequence_effectivity.from_effectivity_id	#26, '110'	S
@1377.1	*	Sequence_effectivity.thru_effectivity_id	#26, '99999'	S
@492.2		Effectivity (as Sequence_effectivity)	#27	M
@494.2		Effectivity.description	#23, 'availability'	S
@498.2		Effectivity to Product_configuration (product)	@1205	M
@501		Item_usage to Effectivity (effective_on)	@958.2	M
@1372.2		Sequence_effectivity	#27	M
@1373.2		Sequence_effectivity.from_effectivity_id	#27, '120'	S
@1377.2		Sequence_effectivity.thru_effectivity_id	#27, '99999'	S
@492.3		Effectivity (as Sequence_effectivity)	#28	M
@494.3		Effectivity.description	#24, 'availability'	S
@498.3		Effectivity to Product_configuration (product)	@1205	M
@501		Item_usage to Effectivity (effective_on)	@958.6	M
@1372.3		Sequence_effectivity	#28	M
@1373.3		Sequence_effectivity.from_effectivity_id	#28, '110'	S
@1377.3		Sequence_effectivity.thru_effectivity_id	#28, '99999'	S
@492.4		Effectivity (as Sequence_effectivity)	#29	M

Id	V	Application Elements	Value	Req
@494.4		Effectivity.description	#25, 'availability'	S
@498.4		Effectivity to Product_configuration (product)	@1205	M
@501		Item_usage to Effectivity (effective_on)	@958.7	M
@1372. 4		Sequence_effectivity	#29	M
@1373. 4		Sequence_effectivity.from_effectivity_id	#29, '120'	S
@1377. 4		Sequence_effectivity.thru_effectivity_id	#29, '99999'	S
@1480	*	Status	#125	M
@1481	*	Status.status_code	#125, 'Approved'	S
@1484		Change_identification to Status (action_status)	@106	M
@1597		Tdp_element_and_item_association	#131	M
@1598		Tdp_element_and_item_association to Item (related_item)	@837.1	M
@1599		Tdp_element_and_item_association to Tdp_element (related_tdp_element)	@1595	M
@1640		Time	#170	M
@1641		Time.hour	#170, 21	S
@1643		Time.minute	#170, 42	S
@1645		Time.second	#170, 15.296	S
@1646		Time.zone	#169, -8	S
@1647		Date to Time (specific_time)	@406	M

6.6.1.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc2, and gvc3.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following preprocessor-specific verdict criteria apply:

vc1: The instances of descriptive_representation_item that correspond to @1032.3 through @1032.11 are all referenced by the items attribute of the same instance of representation.

vc2: The instances of descriptive_representation_item that correspond to @1032.12 through @1032.14 are all referenced by the items attribute of the same instance of representation.

vc3: The instances of descriptive_representation_item that correspond to @1032.25 and @1032.26 are both referenced by the items attribute of the same instance of representation.

vc4: The instance of descriptive_representation_item that corresponds to @1032.n is referenced by the items attribute of a unique instance of representation.

6.6.1.4 Constraints on values

The following constraints apply as referenced in the input specification table:

c1: The value '1' is suggested; all other attribute values are mandatory.

c2: The value 'B'; is suggested; all other attribute values are mandatory.

c3: The value 'B'; is suggested; all other attribute values are mandatory.

c4: The value 'Work Group.Group Code'; is suggested; all other attribute values are mandatory.

c5: The value 'STANDARD NOTES'; is suggested; all other attribute values are mandatory.

c6: The value 'PROPRIETARY'; is suggested; all other attribute values are mandatory.

6.6.2 Postprocessor

6.6.2.1 Test purpose coverage

The following general test purposes are covered: g1, g4, and g5.

The following other test purposes are covered: other2, other5, and other6.

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any) whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following AIM test purposes are covered:

@aim4, @aim5, @aim46, @aim50, @aim52, @aim67, @aim68, @aim71, aim72, aim76, aim77, aim84, ...

6.6.2.2 Input specification

The postprocessor input specification is provided in electronic form only. See annex C.

6.6.2.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc4, and gvc5.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following specific verdict criteria apply:

6.7 4SMPL_em

The goal of this test case is to create the type of Parts List called a Supplier Module Parts List (SMPL) for an Exception Module. The test case presents the Exception Module information for the life_cycle_stage 'manufacturing' only.

6.7.1 Preprocessor

6.7.1.1 Test purposes covered:

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any), whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following general test purposes are covered: g1, g2, and g3.

The following other test purposes are covered: other1, other21, other34, other43, and other48.

6.7.1.2 Input specification

Table 7 - Application elements for 4SMPL_em

Id	V	Application Elements	Value	Req
@12	*	Alternate_element_identification	#143, #160, #149, 'document'	M
@13	*	Alternate_element_identification.identifying_number	#160, '616EMODPAM900#0000001A'	S
@18		Alternate_element_identification to Design_authority (design_activity)	@444.1	M
@20		Alternate_element_identification to Element_type (element_classifications)	@550.2	M
@25		Element_identification to Alternate_element_identification (alternate_identifications)	@5062	M
@84.1	*	Change_identification	#102, 'change identification'	M
@86.1	*	Change_identification.change_code	#102, 'change'	M
@95.1	*	Change_identification.change_level	#88, 'change identification level', #93, ('1', 'change')	C1
@99	*	Change_identification.	#100, '1234-1234'	S

Id	V	Application Elements	Value	Req
@103	*	revision_authorization_identifications Change_identification.revision_level	<not_present>	M
@119		Element_identification to Change_identification (change_status)	@508	M
@84.2	*	Change_identification	#101, 'change identification'	M
@86.2	*	Change_identification.change_code	#101, 'change'	M
@93		Change_identification.change_description	#105, 'DESCRIPTION FIELD FOR MANUFACTURING CHANGE LEVEL DESCRIPTION'	S
@95.2	*	Change_identification.change_level	#90, 'change identification level', #95, ('1', 'change')	C1
@106		Change_identification to Status (action_status)	@1480	M
@108		Change_identification to Date (change_date)	@397	M
@111		Change_identification to Other_reference_document (revision_authorization_identifications)	@1119, #74, #68, #86, 'revision authorization identification', #71, #42, #137	M
@123		Item_identification to Change_identification (change)	@878	M
@84.9		Change_identification	#103, 'change identification'	M
@90.9		Change_identification.change_code	#103, 'revision'	M
@104.9		Change_identification.revision_level	#91, 'change identification level', #96, ('B', 'revision'), #99, #69, #84, 'change identification', #139, 'B'	C2
@119		Element_identification to Change_identification (change_status)	@508.99	M
@134.1		Company	#118	M
@136		Company.address	#110, ('Headquarters', 'Drizzle', 'WA', '99999')	S
@137.1		Company.name	#118, 'The Errorspace Company'	S
@144.1		Design_authority to Company (design_activity_identification)	@445.1	M
@148		Release_authentication to Company (release_authority)	@1321	M
@134.2		Company	#119	M

Id	V	Application Elements	Value	Req
@137.2		Company.name	#119, 'The Errorspace Company'	S
@144.2		Design_authority to Company (design_activity_identification)	@445.2	M
@134.3		Company	#120	M
@137.3		Company.name	#120, 'The Errorspace Company'	S
@144.3		Design_authority to Company (design_activity_identification)	@445.3	M
@152.1		Company_code	#118	M
@153.1		Company_code.code	#111, '99999'	S
@155.1		Company_code.type_of_code	#113, ('alias id', 'CAGE')	M
@158.1		Design_authority to Company_code (design_activity_code)	@447.1	M
@152.2		Company_code	#119	M
@153.2		Company_code.code	#112, 'P3124'	S
@155.2		Company_code.type_of_code	#114, ('alias id', 'Work Group.Group Code')	C3
@158.2		Design_authority to Company_code (design_activity_code)	@447.2	M
@164		Configuration	#62	M
@171		Configuration to Product_configuration (end_item_system_designation)	@1205	M
@176		Configuration to Release_authentication (release_authorizations)	@1317, #61, #661, #85, 'release authentication'	M
@179		Configuration to Security_classification (security_identifications)	@1360	M
@181		Header_configuration_with_element_identification to Configuration (data_configuration)	@722	M
@397		Date	#81	M
@399		Date.day	#81, 02	S
@401		Date.month	#81, 11	S
@404		Date.year	#81, 2000	S

Id	V	Application Elements	Value	Req
@406		Date to Time (specific_time)	@1640	M
@409		Change_identification to Date (change_date)	@108	M
@423		Release_authentication to Date (release_date)	@1324	M
@444.1		Design_authority	#115	M
@4442		Design_authority.role	#117, 'id owner'	M
@445.1		Design_authority to Company (design_activity_identification)	@134.1	M
@447.1		Design_authority to Company_code (design_activity_code)	@152.1	M
@450		Alternate_element_identification to Design_authority (design_activity)	@18	M
@454		Element_identification to Design_authority (design_activities)	@509.1	M
@444.2		Design_authority	#106	M
@4442		Design_authority.role	#117, 'id owner'	M
@445.2		Design_authority to Company (design_activity_identification)	@134.2	M
@447.2		Design_authority to Company_code (design_activity_code)	@152.2	M
@454		Element_identification to Design_authority (design_activities)	@509.2	M
@456		Item_identification to Design_authority (design_activity)	@882.1	M
@444.3		Design_authority	#116	M
@4442		Design_authority.role	#117, 'id owner'	M
@445.3		Design_authority to Company (design_activity_identification)	@134.3	M
@455		Element_identification to Design_authority (design_activities)	@509.3, @509.9	M
@456		Item_identification to Design_authority (design_activity)	@882.2	M
@489	*	Effectivity	#50	M

Id	V	Application Elements	Value	Req
@493	*	Effectivity.description	<not_present>	M
@498		Effectivity to Product_configuration (product)	@1205	M
@501		Item_usage to Effectivity (effective_on)	@958	M
@503.1	*	Element_identification	#141, #159, #149, 'document'	M
@504.1	*	Element_identification.identifying_number	#159, '616SCPPAM100,616EMODPA M900'	S
@506.1	*	Element_identification.title	#159, THIS IS THE TITLE FIELD FOR AN EXCEPTION MODULE - Exception Module, Affects 616MODPAM900'	S
@5062		Element_identification to Alternate_element_identification (alternate_identifications)	@12, #136, 'alternate element identification'	M
@508.1		Element_identification to Change_identification (change_status)	@84.1, #97, #65, #84, 'change identification'	M
@509.1		Element_identification to Design_authority (design_activities)	@444.1	M
@511.1		Element_identification to Element_type (element_classifications)	@550.1	M
@526		Header_configuration_with_element_identification to Element_identification (identification)	@723	M
@503.2	*	Element_identification	#137, #162, #149, 'document'	M
@504.2	*	Element_identification.identifying_number	#162, '23341'	S
@506.2		Element_identification.title	#162, 'Change Identifier.Change Number'	S
@509.2		Element_identification to Design_authority (design_activities)	@444.2	M
@512.2		Element_identification to Element_type (element_classifications)	@550.3, @550.4	M
@520		Reference_document to Element_identification (document_identification)	@1288	M
@503.3	*	Element_identification	#138, #164, #149, 'document'	M
@504.3	*	Element_identification.identifying_number	#164, '616PSTBAB100,1'	S

Id	V	Application Elements	Value	Req
@509.3	*	Element_identification to Design_authority (design_activities)	@444.3	M
@511.3	*	Element_identification to Element_type (element_classifications)	@550.5	M
@536	*	Notation to Element_identification (referenced_document_in_note)	@1045.8	M
@503.9	*	Element_identification	#139, #165, #149, 'document'	M
@504.9	*	Element_identification.identifying_number	#165, 'EDS-1057_SMPL'	S
@508.9	*	Element_identification to Change_identification (change_status)	@84.9	M
@509.9	*	Element_identification to Design_authority (design_activities)	@444.3	M
@536		Notation to Element_identification (referenced_document_in_note)	@1045.99	M
@550.1		Element_type	#151	M
@551.1		Element_type.element_code	#151, 'Supplier Module Parts List'	S
@553.1		Element_type.type_of_coding_scheme	#151, 'Distribution Product'	S
@558		Element_identification to Element_type (element_classifications)	@511.1	M
@550.2		Element_type	#152	M
@551.2		Element_type.element_code	#152, 'SMPL IDENTIFIER'	S
@556		Alternate_element_identification to Element_type (element_classifications)	@22	M
@550.3		Element_type	#155	M
@551.3		Element_type.element_code	#155, 'PRR'	S
@553.3		Element_type.type_of_coding_scheme	#155, 'Change Identifier.Change Type'	S
@558		Element_identification to Element_type (element_classifications)	@511.2	M
@550.4		Element_type	#156	M
@551.4		Element_type.element_code	#156, 'NA'	S

Id	V	Application Elements	Value	Req
@553.4		Element_type.type_of_coding_scheme	#156, 'Change Identifier .Customer Variable'	S
@558		Element_identification to Element_type (element_classifications)	@511.2	M
@550.5		Element_type	#158	M
@551.5		Element_type.element_code	#158, 'drawing'	S
@558		Element_identification to Element_type (element_classifications)	@511.3	M
@688		Header	#62	M
@699		Header to Header_configuration_with_element_identification (header_configuration)	@721	M
@705		Parts_list_header to Header (common_header)	@1170	M
@721		Header_configuration_with_element_identification	#62	M
@722		Header_configuration_with_element_identification to Configuration (data_configuration)	@164	M
@723		Header_configuration_with_element_identification to Element_identification (identification)	@503.1	M
@726		Header to Header_configuration_with_element_identification (header_configuration)	@699	M
@837.1	*	Item	#122	M
@839		Item.item_contexts	#140, #161, #167, 'Production'	S
@850.1		Item to Item_identification (identification)	@869.1	M
@867		Tdp_element_and_item_association to Item (related_item)	@1598	M
@837.2	*	Item	#125	M
@850.2	*	Item to Item_identification (identification)	@869.2	M
@861	*	Item_usage to Item (being_defined_for)	@956	M
@869.1	*	Item_identification	#140	M
@870.1	*	Item_identification.identifying_number	#161, '616EMODPAM900'	S

Id	V	Application Elements	Value	Req
@878		Item_identification to Change_identification (change)	@84.2, #98, #67, #84, 'change identification'	M
@881		Item_identification to Item_type (classifications)	@945.1, @945.2	M
@882.1		Item_identification to Design_authority (design_activity)	@444.2	M
@896		Item to Item_identification (identification)	@850.1	M
@898		Item_list to Item_identification (list_for)	@921	M
@869.2	*	Item_identification	#142	M
@870.2	*	Item_identification.identifying_number	#163, '616INFPAM900'	S
@873.2	*	Item_identification.nomenclature_or_name	#163, 'DESCRIPTION FIELD FOR INSTALLATION FEATURE'	S
@880	*	Item_identification to Item_type (classifications)	@945.3	M
@882.2	*	Item_identification to Design_authority (design_activity)	@444.3	M
@896		Item to Item_identification (identification)	@850.2	M
@910	*	Item_list	#123, #26, #129, 'item list'	M
@911	*	Item_list.type_of_component_list	#27, #132, 'module installation requirements'	S
@918	*	Item_list to Item_usage (component_of)	@953	M
@921	*	Item_list to Item_identification (list_for)	@869.1	M
@923	*	Parts_list_body to Item_list (parts_tabulations)	@1160	M
@945.1	*	Item_type	#153	M
@946.1	*	Item_type.item_code	#153, 'exception module'	S
@951	*	Item_identification to Item_type (classifications)	@881	M
@945.2		Item_type	#157	M
@946.2		Item_type.item_code	#157, 'part'	S
@951		Item_identification to Item_type (classifications)	@880	M
@953	*	Item_usage	#48, 'item usage'	M
@956	*	Item_usage to Item (being_defined_for)	@837.2, #125, #28, #131, 'item ...'	M

Id	V	Application Elements	Value	Req
@958	*	Item_usage to Effectivity (effective_on)	in list' @489	M
@960	*	Item_usage to List_item_usage (list_item)	@971	M
@968	*	Item_list to Item_usage (component_of)	@918	M
@971	*	List_item_usage	#48	M
@986	*	List_item_usage to Notation (entry_notes)	@1032.3 - @1032.9	M
@987	*	Item_usage to List_item_usage (list_item)	@960	M
@1032.1	*	Notation	#35, #18, 'notation'	M
@1033.1	*	Notation.note	#35, 'TWILIGHT ZONE'	S
@1038.1	*	Notation.note_title	#35, 'AIRPLANE MAINTENANCE ZONE'	S
@1059	*	List_item_usage to Notation (entry_notes)	@986	M
@1032.2	1	Notation	#36, #18, 'notation'	M
@1033.2	*	Notation.note	#36, 'Left Body X = 120A+12.25 Y = -98.133 Z = 118.55'	S
@1038.2	*	Notation.note_title	#36, 'COORDINATE SYSTEM LOCATION'	S
@1059		List_item_usage to Notation (entry_notes)	@986	M
@1032.3	1	Notation	#37, #18, 'notation'	M
@1033.3	*	Notation.note	#37, 'FIND NUMBER 12'	S
@1038.3	*	Notation.note_title	#37, 'FIND NUMBER'	S
@1059		List_item_usage to Notation (entry_notes)	@986	M
@1032.4	1	Notation	#38, #18, 'notation'	M

Id	V	Application Elements	Value	Req
@1033.4	*	Notation.note	#38, '989'	S
@1038.4	*	Notation.note_title	#38, 'FLAG MARKER'	S
@1059		List_item_usage to Notation (entry_notes)	@986	M
@1032.5	1	Notation	#39, #18, 'notation'	M
@1033.5	*	Notation.note	#39, '600'	S
@1038.5	*	Notation.note_title	#39, 'INSTALLATION NUMBER'	S
@1059		List_item_usage to Notation (entry_notes)	@986	M
@1032.6	1	Notation	#40, #18, 'notation'	M
@1033.6	*	Notation.note	#40, 'ABC'	S
@1038.6	*	Notation.note_title	#40, 'MISCELLANEOUS LOCATION'	S
@1059		List_item_usage to Notation (entry_notes)	@986	M
@1032.7	1	Notation	#41, #18, 'notation'	M
@1033.7	*	Notation.note	#41, '99D15'	S
@1038.7	*	Notation.note_title	#41, 'ZONE'	S
@1059		List_item_usage to Notation (entry_notes)	@986	M
@1032.8	1	Notation	#32, #18, 'notation'	M
@1033.8	*	Notation.note	#32, '616PSTBAB100 SHEET 1'	S
@1038.8	*	Notation.note_title	#32, 'DRAWING'	S
@1045.8	*	Notation to Element_identification (referenced_document_in_note)	@503.3	M

Id	V	Application Elements	Value	Req
@1059		List_item_usage to Notation (entry_notes)	@986	M
@1032.9	2	Notation	#34, #17, 'notation'	M
@1033.9	*	Notation.note	#34, 'TEXT FIELD FOR FREE FORM NOTE 1'	S
@1038.9	*	Notation.note_title	#34, 'TITLE FIELD FOR FREE FORM NOTE 1'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.99		Notation	#33, #19, 'notation'	M
@1033.99		Notation.note	#33, 'NOTICE – THE INFORMATION CONTAINED HEREIN IS PROPRIETARY.'	S
@1042		Notation.type_of_notation	#10, #11, 'type of notation', #12, 'STANDARD NOTES'	C4
@1045.99		Notation to Element_identification (referenced_document_in_note)	@503.9	M
@1063		Parts_list_body to Notation (notes_list)	@1158	M
@1285		Reference_document (as Other_reference_document)	#137, #162, #149, 'document', #147, #154, 'reference document'	M
@1288		Reference_document to Element_identification (document_identification)	@503.2	M
@1119		Other_reference_document	#137, #162, #149, 'document', #126, #130, #169, 'reference document'	M
@1128		Change_identification to Other_reference_document (revision_authorization_identities)	@111	M
@1591		Tdp_element (as Associated_list)	#141, #159, #149, 'document', #144, #150, 'parts list'	M
@1595		Tdp_element_and_item_association to Tdp_element (related_tdp_element)	@1597	M
@71		Associated_list (as Parts_list)	#141, #159, #150 'parts list'	M
@1153	*	Parts_list	#141, #159, #149, 'document', #144, #150, 'parts list'	M
@1154		Parts_list to Parts_list_body (list_body)	@1156	M

Id	V	Application Elements	Value	Req
@1155		Parts_list to Parts_list_header (list_header)	@1169	M
@1156	*	Parts_list_body	#121, 'parts list body'	M
@1158		Parts_list_body to Notation (list_notes)	@1032.99	M
@1160		Parts_list_body to Item_list (parts_tabulations)	@910, #22, 'parts tabulation'	M
@1168		Parts_list to Parts_list_body (list_body)	@1154	M
@1169	*	Parts_list_header	#62, 'parts list header'	M
@1170		Parts_list_header to Header (common_header)	@688	M
@1171		Parts_list to Parts_list_header (list_header)	@1155	M
@1205	*	Product_configuration	#52	M
@1206	*	Product_configuration.configuration_id	#52, '616SCPPAM100'	S
@1210		Product_configuration to Product_model (product_name)	@1238	M
@1211		Configuration to Product_configuration (end_item_system_designation)	@171	M
@1213		Effectivity to Product_configuration (product)	@498	M
@1238	*	Product_model	#53	M
@1239	*	Product_model.model_name	#53, '737'	S
@1240		Product_configuration to Product_model (product_name)	@1210	M
@1317		Release_authentication	#78	M
@1318		Release_authentication.authentication	#77, 'PDM'	S
@1321		Release_authentication to Company (release_authority)	@134.1, #59, #60, 'release authentication'	M
@1324		Release_authentication to Date (release_date)	@397, #83, #66, #85, 'release authentication'	M
@1325		Configuration to Release_authentication (release_authorizations)	@176	M
@1360		Security_classification	#57	M
@1361		Security_classification.item_classification	#57, 'item security classification', #58, 'PROPRIETARY'	C5

Id	V	Application Elements	Value	Req
@1368		Configuration to Security_classification (security_identifications)	@179	M
@1480	*	Status	#47	M
@1481	*	Status.status_code	#47, 'Approved'	S
@1484		Change_identification to Status (action_status)	@106	M
@1597		Tdp_element_and_item_association	#55	M
@1598		Tdp_element_and_item_association to Item (related_item)	@837.1	M
@1599		Tdp_element_and_item_association to Tdp_element (related_tdp_element)	@1595	M
@1640		Time	#80	M
@1641		Time.hour	#80, 21	S
@1643		Time.minute	#80, 42	S
@1645		Time.second	#80, 15.296	S
@1646		Time.zone	#79, -8	S
@1647		Date to Time (specific_time)	@406	M

6.7.1.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc2, and gvc3.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following preprocessor-specific verdict criteria apply:

vc1: The instances of descriptive_representation_item that correspond to @1032.2 through @1032.8 are all referenced by the items attribute of the same instance of representation.

vc2: The instance of descriptive_representation_item that corresponds to @1032.9 is referenced by the items attribute of a unique instance of representation.

6.7.1.4 Constraints on values

The following constraints apply as referenced in the input specification table:

c1: The value '1' is suggested; all other attribute values are mandatory.

- c2: The value 'B'; is suggested; all other attribute values are mandatory.
- c3: The value 'Work Group.Group Code'; is suggested; all other attribute values are mandatory.
- c4: The value 'STANDARD NOTES'; is suggested; all other attribute values are mandatory.
- c5: The value 'PROPRIETARY'; is suggested; all other attribute values are mandatory.

6.7.2 Postprocessor

6.7.2.1 Test purpose coverage

The following general test purposes are covered: g1, g4, and g5.

The following other test purposes are covered: other2, other5, and other6.

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any) whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following AIM test purposes are covered:

@aim4, @aim5, @aim46, @aim50, @aim52, @aim67, @aim68, @aim71, aim72, aim76, aim77, aim84, ...

6.7.2.2 Input specification

The postprocessor input specification is provided in electronic form only. See annex C.

6.7.2.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc4, and gvc5.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following specific verdict criteria apply:

6.8 4SMPL_instl_rqmts

The goal of this test case is to exercise the Installation Requirements section of the type of Parts List called a Supplier Module Parts List. This Supplier Module Parts List has two kinds of Item_list instances, as identified by attribute type_of_component_list. The Installation Requirements section is identified by type_of_component_list = "module installation requirements". The second kind of Item_list instance is identified by type_of_component_list = "module components list".

6.8.1 Preprocessor

6.8.1.1 Test purposes covered:

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any), whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following general test purposes are covered: g1, g2, and g3.

The following other test purposes are covered: other1, other14, other21, other34, other42, other44, other45, and other48.

6.8.1.2 Input specification

Table 8 – Application elements for 4SMPL_instl_rqmts

Id	V	Application Elements	Value	Req
@12	*	Alternate_element_identification	#227, #254, #240, 'document'	M
@13	*	Alternate_element_identification.identifying_number	#254, '616MODPAM100#0000017B'	S
@18		Alternate_element_identification to Design_authority (design_activity)	@444.1	M
@20		Alternate_element_identification to Element_type (element_classifications)	@550.2	M
@25		Element_identification to Alternate_element_identification (alternate_identifications)	@5062	M
@84.1	*	Change_identification	#169, 'change identification'	M
@91.1		Change_identification.change_code	#169, 'revision with change'	M
@95.1	*	Change_identification.change_level	#155, 'change identification level', #160, ('1', 'change')	C1
@99		Change_identification. Revision_authorization_identifications	#167, '1234-1234'	S
@104.1	*	Change_identification.revision_level	#154, 'change identification level', #159, ('A', 'revision'), #164, #123, #151, 'change identification', #223, 'A'	C2
@119	*	Element_identification to Change_identification (change_status)	@508	M
@84.2	*	Change_identification	#168, 'change identification'	M

Id	V	Application Elements	Value	Req
@91.2		Change_identification.change_code	#168, 'revision with change'	M
@93		Change_identification.change_description	#172, THIS IS THE MANUFACTURING CHANGE LEVEL DESCRIPTION FIELD'	M
@95.2	*	Change_identification.change_level	#157, 'change identification level', #162, ('1', 'change')	C1
@104.2	*	Change_identification.revision_level	#156, 'change identification level', #161, ('A', 'revision'), #165, #126, #151, 'change identification', #222, 'A'	C2
@106		Change_identification to Status (action_status)	@1480	M
@108		Change_identification to Date (change_date)	@397	M
@111		Change_identification to Other_reference_document (revision_authorization_identities)	@1119, #137, #127, #153, 'revision authorization identification', #130, #90, #213	M
@123		Item_identification to Change_identification (change)	@878	M
@84.9		Change_identification	#170, 'change identification'	M
@90		Change_identification.change_code	#170 'revision'	M
@104.9		Change_identification.revision_level	#158, 'change identification level', #163, ('B', 'revision'), #166, #128, #151, 'change identification', #221, 'B'	C3
@119		Element_identification to Change_identification (change_status)	@508.9	M
@134.1		Company	#185	M
@136		Company.address	#177, ('Headquarters', 'Drizzle', 'WA', '99999')	S
@137.1		Company.name	#185, 'The Errorspace Company'	S
@144		Design_authority to Company (design_activity_identification)	@445.1	M
@148		Release_authentication to Company (release_authority)	@1321	M
@134.2		Company	#186	M
@137.2		Company.name	#186, 'The Errorspace Company'	S

Id	V	Application Elements	Value	Req
@144		Design_authority to Company (design_activity_identification)	@445.2	M
@134.3		Company	#187	M
@137.3		Company.name	#187, 'The Errorspace Company'	S
@144		Design_authority to Company (design_activity_identification)	@445.3	M
@152.1		Company_code	#185	M
@153.1		Company_code.code	#178, '99999'	S
@155.1		Company_code.type_of_code	#180, ('alias id', 'CAGE')	M
@158		Design_authority to Company_code (design_activity_code)	@447.1	M
@152.2		Company_code	#186	M
@153.2		Company_code.code	#179, 'P3124'	S
@155.2		Company_code.type_of_code	#181, ('alias id', 'Work Group.Group Code')	C4
@158		Design_authority to Company_code (design_activity_code)	@447.2	M
@164		Configuration	#118	M
@171		Configuration to Product_configuration (end_item_system_designation)	@1205	M
@176		Configuration to Release_authentication (release_authorizations)	@1317, #117, #125, #152, 'release authentication'	M
@179		Configuration to Security_classification (security_identifications)	@1360	M
@181		Header_configuration_with_element_identification to Configuration (data_configuration)	@722	M
@397		Date	#148	M
@399		Date.day	#148, 2	S
@401		Date.month	#148, 12	S
@404		Date.year	#148, 2000	S
@406		Date to Time (specific_time)	@1640	M
@409		Change_identification to Date (change_date)	@108	M

Id	V	Application Elements	Value	Req
@423		Release_authentication to Date (release_date)	@1324	M
@444.1		Design_authority	#182	M
@4442		Design_authority.role	#184, 'id owner'	M
@445.1		Design_authority to Company (design_activity_identification)	@134.1	M
@447.1		Design_authority to Company_code (design_activity_code)	@152.1	M
@450		Alternate_element_identification to Design_authority (design_activity)	@18	M
@454		Element_identification to Design_authority (design_activities)	@509.1	M
@444.2		Design_authority	#173	M
@4442		Design_authority.role	#176, 'id owner'	M
@445.2		Design_authority to Company (design_activity_identification)	@134.2	M
@447.2		Design_authority to Company_code (design_activity_code)	@152.2	M
@449		Design_authority to Person (person_responsible)	@1172	M
@454		Element_identification to Design_authority (design_activities)	@509.2	M
@456		Item_identification to Design_authority (design_activity)	@882.1	M
@444.3		Design_authority	#183	M
@4442		Design_authority.role	#184, 'id owner'	M
@445.3		Design_authority to Company (design_activity_identification)	@134.3	M
@455		Element_identification to Design_authority (design_activities)	@509.3, @509.4, @509.5, @509.6, @509.9	M
@457		Item_identification to Design_authority (design_activity)	@882.2 - @882.4	M
@503.1	*	Element_identification	#223, #253, #240, 'document'	M

Id	V	Application Elements	Value	Req
@504.1	*	Element_identification.identifying_number	#253, '616SCPPAM100,616MODPA M100'	S
@506.1		Element_identification.title	#253, 'THIS IS THE TITLE FIELD FOR A MODULE'	S
@5062		Element_identification to Alternate_element_identification (alternate_identifications)	@12, #211, 'alternate element identification'	M
@508		Element_identification to Change_identification (change_status)	@84.1	M
@509.1		Element_identification to Design_authority (design_activities)	@444.1	M
@511.1		Element_identification to Element_type (element_classifications)	@550.1	M
@526		Header_configuration_with_element_identification to Element_identification (identification)	@723	M
@503.2	*	Element_identification	#213, #256, #240, 'document'	M
	*	Element_identification.identifying_number	#256, '23343'	S
		Element_identification.title	#256, 'Change Identifier.Change Number'	S
		Element_identification to Design_authority (design_activities)	@444.2	M
		Element_identification to Element_type (element_classifications)	@550.3, @550.4	M
		Reference_document to Element_identification (document_identification)	@1288	M
@503.3	*	Element_identification	#217, #262, #240, 'document'	M
	*	Element_identification.identifying_number	#262, '616PSTBAB200,1'	S
	*	Element_identification to Design_authority (design_activities)	@444.3	M
	*	Element_identification to Element_type (element_classifications)	@550.5	M
	*	Item_list_drawing to Element_identification (drawing_number)	@928	M
	*	Notation to Element_identification (referenced_document_in_note)	@1045.2	M

Id	V	Application Elements	Value	Req
@503.4	*	Element_identification	#218, #264, #240, 'document'	M
@504.4	*	Element_identification.identifying_number	#264, '616EGDBAB200'	S
@509.4	*	Element_identification to Design_authority (design_activities)	@444.3	M
@511.4	*	Element_identification to Element_type (element_classifications)	@550.6	M
@536		Notation to Element_identification (referenced_document_in_note)	@1045.11	M
@503.5	*	Element_identification	#219, #265, #240, 'document'	M
@504.5	*	Element_identification.identifying_number	#265, '616ARABAB200'	S
@509.5	*	Element_identification to Design_authority (design_activities)	@444.3	M
@511.5	*	Element_identification to Element_type (element_classifications)	@550.5	M
@536		Notation to Element_identification (referenced_document_in_note)	@1045.14	M
@503.6	*	Element_identification	#220, #266, #240, 'document'	M
@504.6	*	Element_identification.identifying_number	#266, 'EEF6160004'	S
@509.6	*	Element_identification to Design_authority (design_activities)	@444.3	M
@511.6	*	Element_identification to Element_type (element_classifications)	@550.7	M
@536		Notation to Element_identification (referenced_document_in_note)	@1045.18	M
@503.9	*	Element_identification	#221, #267, #240, 'document'	M
@504.9	*	Element_identification.identifying_number	#267, 'EDS-1057_SMPL'	S
@508.9	*	Element_identification to Change_identification (change_status)	@84.9	M
@509.9	*	Element_identification to Design_authority (design_activities)	@444.3	M
@510	*	Element_identification to Element_type (element_classifications)	<not_present>	M

Id	V	Application Elements	Value	Req
@536		Notation to Element_identification (referenced_document_in_note)	@1045.99	M
@550.1		Element_type	#242	M
@551.1		Element_type.element_code	#242, 'Supplier Module Parts List'	S
@553.1		Element_type.type_of_coding_scheme	#242, 'Distribution Product'	S
@558		Element_identification to Element_type (element_classifications)	@511.1	M
@550.2		Element_type	#243	M
@551.2		Element_type.element_code	#243, 'SMPL IDENTIFIER'	S
@556		Alternate_element_identification to Element_type (element_classifications)	@22	M
@550.3		Element_type	#246	M
@551.3		Element_type.element_code	#246, 'PRR'	S
@553.3		Element_type.type_of_coding_scheme	#246, 'Change Identifier.Change Type'	S
@558		Element_identification to Element_type (element_classifications)	@511.2	M
@550.4		Element_type	#247	M
@551.4		Element_type.element_code	#247, 'NA'	S
@553.4		Element_type.type_of_coding_scheme	#247, 'Change Identifier.Customer Variable'	S
@558		Element_identification to Element_type (element_classifications)	@511.2	M
@550.5		Element_type	#250	M
@551.5		Element_type.element_code	#250, 'drawing'	S
@559		Element_identification to Element_type (element_classifications)	@511.3, @511.5	M
@550.6		Element_type	#251	M
@551.6		Element_type.element_code	#251, 'product data set'	S
@558		Element_identification to Element_type (element_classifications)	@511.4	M

Id	V	Application Elements	Value	Req
@550.7		Element_type	#252	M
@551.7		Element_type.element_code	#252, 'function'	S
@558		Element_identification to Element_type (element_classifications)	@511.6	M
@688		Header	#118	M
@699		Header to Header_configuration_with_element_identification (header_configuration)	@721	M
@705		Parts_list_header to Header (common_header)	@1170	M
@721		Header_configuration_with_element_identification	#118	M
@722		Header_configuration_with_element_identification to Configuration (data_configuration)	@164	M
@723		Header_configuration_with_element_identification to Element_identification (identification)	@503.1	M
@726		Header to Header_configuration_with_element_identification (header_configuration)	@699	M
@837.1	*	Item	#189	M
@839		Item.item_contexts	#222, #255, #269, 'Production'	S
@850.1		Item to Item_identification (identification)	@869.1	M
@856		Item to Notation (notes)	@1032.1	M
@867		Tdp_element_and_item_association to Item (related_item)	@1598	M
@837.2	*	Item	#197	M
@850.2	*	Item to Item_identification (identification)	@869.2	M
@862	*	Item_usage to Item (being_defined_for)	@956.1, @956.6	M
@837.3	*	Item	#1941	M
@850.3	*	Item to Item_identification (identification)	@869.2	M
@861	*	Item_usage to Item (being_defined_for)	@956.2	M
@837.4	*	Item	#194	M
@850.4	*	Item to Item_identification (identification)	@869.3	M

Id	V	Application Elements	Value	Req
@862		Item_usage to Item (being_defined_for)	@956.3, @956.7	M
@837.5	*	Item	#191	M
@850.5	*	Item to Item_identification (identification)	@869.4	M
@861		Item_usage to Item (being_defined_for)	@956.4	M
@837.6	*	Item	#193	M
@850.6	*	Item to Item_identification (identification)	@869.4	M
@861		Item_usage to Item (being_defined_for)	@956.5	M
@869.1	*	Item_identification	#222	M
@870.1	*	Item_identification.identifying_number	#255, '616MODPAM100'	S
@878		Item_identification to Change_identification (change)	@84.2	M
@881		Item_identification to Item_type (classifications)	@945.1, @945.2	M
@882.1		Item_identification to Design_authority (design_activity)	@444.2	M
@896		Item to Item_identification (identification)	@850.1	M
@899		Item_list to Item_identification (list_for)	@921.1 - @921.4	M
@869.2	*	Item_identification	#226	M
@870.2	*	Item_identification.identifying_number	#263, '616PSCCPAE900'	S
@873.2	*	Item_identification.nomenclature_or_name	#263, 'DESCRIPTION FIELD FOR PICTURE SHEET CONTROLLED COMPONENT PART'	S
@880.2	*	Item_identification to Item_type (classifications)	@945.3	M
@882.2	*	Item_identification to Design_authority (design_activity)	@444.3	M
@897	*	Item to Item_identification (identification)	@850.2, @850.3	M
@869.3	*	Item_identification	#225	M
@870.3	*	Item_identification.identifying_number	#261, '616INFPAM900'	S
@873.2	*	Item_identification.nomenclature_or_name	#261, 'THIS IS THE DESCRIPTION FIELD FOR INSTALLATION FEATURE PART'	S

Id	V	Application Elements	Value	Req
@880.3	*	Item_identification to Item_type (classifications)	@945.3	M
@882.3	*	Item_identification to Design_authority (design_activity)	@444.3	M
@896		Item to Item_identification (identification)	@850.4	M
@869.4	*	Item_identification	#224	M
@870.4	*	Item_identification.identifying_number	#260, '616STPPAE100'	S
@873.4	*	Item_identification.nomenclature_or_name	#260, 'DESCRIPTION FIELD FOR STANDARD PART'	S
@880.4	*	Item_identification to Item_type (classifications)	@945.3	M
@882.4	*	Item_identification to Design_authority (design_activity)	@444.3	M
@897		Item to Item_identification (identification)	@850.5, @850.6	M
@910.1	*	Item_list	#198, #37, #203, 'item list'	M
@911.1	*	Item_list.type_of_component_list	#38, #208, 'module installation requirements'	S
@919.1	*	Item_list to Item_usage (component_of)	@953.1, @953.2	M
@921	*	Item_list to Item_identification (list_for)	@869.1	M
@923	*	Parts_list_body to Item_list (parts_tabulations)	@1160	M
@910.2	*	Item_list	#195, #32, #203, 'item list'	M
@911.2	*	Item_list.type_of_component_list	#33, #208, 'module installation requirements'	S
@918.2	*	Item_list to Item_usage (component_of)	@953.3	M
@921.2	*	Item_list to Item_identification (list_for)	@869.1	M
@923		Parts_list_body to Item_list (parts_tabulations)	@1160	M
@910.3	*	Item_list	#190, #25, #203, 'item list'	M
@911.3	*	Item_list.type_of_component_list	#26, #204, 'module components list'	M
@918.3	*	Item_list to Item_usage (component_of)	@953.4	M
@921.3	*	Item_list to Item_identification (list_for)	@869.1	M
@923		Parts_list_body to Item_list (parts_tabulations)	@1160	M

Id	V	Application Elements	Value	Req
@910.4	*	Item_list	#192, #29, #203, 'item list'	M
@911.4	*	Item_list.type_of_component_list	#30, #204, 'module components list'	M
@918.4	*	Item_list to Item_usage (component_of)	@953.5	M
@921.4	*	Item_list to Item_identification (list_for)	@869.1	M
@923		Parts_list_body to Item_list (parts_tabulations)	@1160	M
@910.5	*	Item_list	#199, #39, #203, 'item list'	M
@913.5	*	Item_list.type_of_component_list	#40, #209, 'installation drawing component list'	M
@918.5	*	Item_list to Item_usage (component_of)	@953.6	M
@922.5	*	Item_list to Item_list_drawing (list_for)	@925	M
@923		Parts_list_body to Item_list (parts_tabulations)	@1160	M
@910.6	*	Item_list	#196, #34, #203, 'item list'	M
@913.6	*	Item_list.type_of_component_list	#35, #209, 'installation drawing component list'	M
@918.6	*	Item_list to Item_usage (component_of)	@953.7	M
@922.6	*	Item_list to Item_list_drawing (list_for)	@925	M
@923		Parts_list_body to Item_list (parts_tabulations)	@1160	M
@925	*	Item_list_drawing	#217, #262, #240, 'document'	M
@928	*	Item_list_drawing to Element_identification (drawing_number)	@503.3	M
@930	*	Item_list to Item_list_drawing (list_for)	@922.3, @922.4	M
@945.1		Item_type	#244	M
@946.1		Item_type.item_code	#244, 'module'	S
@951.1		Item_identification to Item_type (classifications)	@881	M
@945.2	*	Item_type	#248	M
@946.2	*	Item_type.item_code	#248, '2A'	S
@948	*	Item_type.type_of_coding_scheme	#248, 'TAILORED BUSINESS STREAM'	S
@951.2	*	Item_identification to Item_type (classifications)	@881	M

Id	V	Application Elements	Value	Req
@945.3		Item_type	#249	M
@946.3		Item_type.item_code	#249, 'part'	S
@952		Item_identification to Item_type (classifications)	@880.2 - @880.4	M
@953.1	*	Item_usage	#109, 'item usage'	M
@956.1	*	Item_usage to Item (being_defined_for)	@837.2, #197, #36, #202, 'item in list'	M
@958.1	*	Item_usage to Effectivity (effective_on)	@492.1	M
@960.1	*	Item_usage to List_item_usage (list_item)	@971.1	M
@968	*	Item_list to Item_usage (component_of)	@919.1	M
@953.2	*	Item_usage	#110, 'item usage'	M
@956.2	*	Item_usage to Item (being_defined_for)	@837.3, #1941, #311, #202, 'item in list'	M
@958.2	*	Item_usage to Effectivity (effective_on)	@492.2	M
@968		Item_list to Item_usage (component_of)	@919.1	M
@953.3	*	Item_usage	#108, 'item usage'	M
@956.3	*	Item_usage to Item (being_defined_for)	@837.4, #194, #31, #202, 'item in list'	M
@958.3	*	Item_usage to Effectivity (effective_on)	@492.3	M
@960.3	*	Item_usage to List_item_usage (list_item)	@971.2	M
@968		Item_list to Item_usage (component_of)	@919.2	M
@953.4	*	Item_usage	#111, 'item usage'	M
@956.4	*	Item_usage to Item (being_defined_for)	@837.5, #191, #27, #202, 'item in list'	M
@958.4	*	Item_usage to Effectivity (effective_on)	@492.4	M
@968		Item_list to Item_usage (component_of)	@919.3	M
@953.5	*	Item_usage	#112, 'item usage'	M
@956.5	*	Item_usage to Item (being_defined_for)	@837.6, #193, #30, #202, 'item in list'	M
@958.5	*	Item_usage to Effectivity (effective_on)	@492.5	M
@968		Item_list to Item_usage (component_of)	@919.4	M

Id	V	Application Elements	Value	Req
@953.6	*	Item_usage	#14, 'item usage'	M
@956.4	*	Item_usage to Item (being_defined_for)	@837.2, #197, #36, #202, 'item in list'	M
@960.4	*	Item_usage to List_item_usage (list_item)	@971.3	M
@968		Item_list to Item_usage (component_of)	@919.5	M
@953.7	*	Item_usage	#13, 'item usage'	M
@956.5	*	Item_usage to Item (being_defined_for)	@837.3, #194, #31, #202, 'item in list'	M
@960.5	*	Item_usage to List_item_usage (list_item)	@971.6	M
@968		Item_list to Item_usage (component_of)	@919.3	M
@971.1	*	List_item_usage	#109	M
@986.1	*	List_item_usage to Notation (entry_notes)	@1032.2 - @1032.18	M
@987	*	Item_usage to List_item_usage (list_item)	@960.1	M
@971.2	*	List_item_usage	#108	M
@986.2	*	List_item_usage to Notation (entry_notes)	@1032.2 - @1032.5, @1032.8 - @1032.10, @1032.19 - @1032.22	M
@987		Item_usage to List_item_usage (list_item)	@960.2	M
@971.3	*	List_item_usage	#14	M
@982.3	*	List_item_usage.reference_designators	#14, '4133'	S
@987		Item_usage to List_item_usage (list_item)	@960.4	M
@971.4	*	List_item_usage	#13	M
@982.4	*	List_item_usage.reference_designators	#13, '4133'	S
@987		Item_usage to List_item_usage (list_item)	@960.5	M
@1032.1	*	Notation	#70, #53, 'notation'	M
@1033.1	*	Notation.note	#70, '2A'	S
@1038.1	*	Notation.note_title	#70, 'TAILORED BUSINESS STREAM'	S
@1065	*	Item to Notation (notes)	@856	M

Id	V	Application Elements	Value	Req
@1032. 2	1 2	Notation	#65, #60, 'notation', #56, 'notation'	M
@1033. 2	*	Notation.note	#65, '616PSTBAB200 SHEET 1'	S
@1038. 2	*	Notation.note_title	#65, 'DRAWING'	S
@1045. 2	*	Notation to Element_identification (referenced_document_in_note)	@503.3	M
@1060	*	List_item_usage to Notation (entry_notes)	@986.1, @986.2	M
@1032. 3	1 2	Notation	#74, #60, 'notation', #56, 'notation'	M
@1033. 3	*	Notation.note	#74, 'TWILIGHT ZONE'	S
@1038. 3	*	Notation.note_title	#74, 'AIRPLANE MAINTENANCE ZONE'	S
@1060		List_item_usage to Notation (entry_notes)	@986.1, @986.2	M
@1032. 4	1 2	Notation	#75, #60, 'notation', #56, 'notation'	M
@1033. 4	*	Notation.note	#75, 'Left Body X = 150A+12.25 Y = -58.133 Z = 116.55'	S
@1038. 4	*	Notation.note_title	#75, 'COORDINATE SYSTEM LOCATION'	S
@1060		List_item_usage to Notation (entry_notes)	@986.1, @986.2	M
@1032. 5	1 2	Notation	#76, #60, 'notation', #56, 'notation'	M
@1033. 5	*	Notation.note	#76, 'FIND NUMBER 15'	S
@1038. 5	*	Notation.note_title	#76, 'FIND NUMBER'	S
@1060		List_item_usage to Notation (entry_notes)	@986.1, @986.2	M
@1032. 6	1	Notation	#86, #60, 'notation'	M
@1033. 6	*	Notation.note	#86, '989'	S

Id	V	Application Elements	Value	Req
6 @1038. 6	*	Notation.note_title	#86, FLAG MARKER'	S
@1059	*	List_item_usage to Notation (entry_notes)	@986.1	M
@1032. 7	1	Notation	#87, #60, 'notation'	M
@1033. 7	*	Notation.note	#87, '500'	S
@1038. 7	*	Notation.note_title	#87, INSTALLATION NUMBER'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032. 8	1 2	Notation	#79, #60, 'notation', #56, 'notation'	M
@1033. 8	*	Notation.note	#79, '4133'	S
@1038. 8	*	Notation.note_title	#79, LOCATOR NUMBER'	S
@1060		List_item_usage to Notation (entry_notes)	@986.1, @986.2	M
@1032. 9	1 2	Notation	#80, #60, 'notation', #56, 'notation'	M
@1033. 9	*	Notation.note	#80, 'ABC'	S
@1038. 9	*	Notation.note_title	#80, MISCELLANEOUS LOCATION'	S
@1060		List_item_usage to Notation (entry_notes)	@986.1, @986.2	M
@1032. 10	1 2	Notation	#81, #60, 'notation', #56, 'notation'	M
@1033. 10	*	Notation.note	#81, '99D20'	S
@1038. 10	*	Notation.note_title	#81, ZONE'	S
@1060		List_item_usage to Notation (entry_notes)	@986.1, @986.2	M
@1032. 11	3	Notation	#66, #59, 'notation'	M

Id	V	Application Elements	Value	Req
@1033.11	*	Notation.note	#66, '616EGDBAB200'	S
@1038.11	*	Notation.note_title	#66, 'DATASET FILE NAME'	S
@1045.11	*	Notation to Element_identification (referenced_document_in_note)	@503.4	M
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.12	3	Notation	#84, #59, 'notation'	M
@1033.12	*	Notation.note	#84, 'Left Body X = 140A+11.25 Y = -68.133 Z = 138.55'	S
@1038.12	*	Notation.note_title	#84, 'COORDINATE SYSTEM LOCATION'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.13	3	Notation	#85, #59, 'notation'	M
@1033.13	*	Notation.note	#85, '4130'	S
@1038.13	*	Notation.note_title	#85, 'LOCATOR NUMBER'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.14	4	Notation	#67, #61, 'notation'	M
@1033.14	*	Notation.note	#67, '616ARABAB200'	S
@1038.14	*	Notation.note_title	#67, 'DRAWING'	S
@1045.14	*	Notation to Element_identification (referenced_document_in_note)	@503.5	M
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032.15	4	Notation	#89, #61, 'notation'	M
@1033.15	*	Notation.note	#89, '222'	S

Id	V	Application Elements	Value	Req
15 @1038. 15	*	Notation.note_title	#89, 'ROUTING AREA CODE'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032. 16	5	Notation	#83, #58, 'notation'	M
@1033. 16	*	Notation.note	#83, 'ABC per 616DOC0002 XYZ'	S
@1038. 16	*	Notation.note_title	#83, 'DOCUMENT'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032. 17	5	Notation	#82, #57, 'notation'	M
@1033. 17	*	Notation.note	#82, 'TEXT FIELD FOR FREE FORM NOTE 3'	S
@1038. 17	*	Notation.note_title	#82, 'TITLE FIELD FOR FREE FORM NOTE 3'	S
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032. 18	5	Notation	#68, #62, 'notation'	M
@1033. 18	*	Notation.note	#68, 'TYPE – Fulfils Function, EQUIPMENT NUMBER EEF6160004, WIRS MODEL NUMBER 737, DESCRIPTION FIELD FOR ELECTRICAL EQUIPMENT FUNCTION.'	S
@1038. 18	*	Notation.note_title	#68, 'FUNCTIONAL LINK'	S
@1045. 18	*	Notation to Element_identification (referenced_document_in_note)	@503.6	M
@1059		List_item_usage to Notation (entry_notes)	@986.1	M
@1032. 19	2	Notation	#77, #56, 'notation'	M
@1033. 19	*	Notation.note	#77, '789'	S
@1038. 19	*	Notation.note_title	#77, 'FLAG MARKER'	S

Id	V	Application Elements	Value	Req
19 @1059		List_item_usage to Notation (entry_notes)	@986.2	M
@1032. 20 @1033. 20 @1038. 20 @1059	2 * * 2	Notation Notation.note Notation.note_title List_item_usage to Notation (entry_notes)	#78, #56, 'notation' #78, '505' #78, 'INSTALLATION NUMBER' @986.2	M S S M
@1032. 21 @1033. 21 @1038. 21 @1059	5 * * 5	Notation Notation.note Notation.note_title List_item_usage to Notation (entry_notes)	#72, #54, 'notation' #72, 'TEXT FIELD FOR FREE FORM NOTE 4' #72, 'TITLE FIELD FOR FREE FORM NOTE 4' @986.2	M S S M
@1032. 22 @1033. 22 @1038. 22 @1059	5 * * 5	Notation Notation.note Notation.note_title List_item_usage to Notation (entry_notes)	#73, #55, 'notation' #73, 'TEXT FIELD FOR STRUCTURED NOTE 4 VALUE SN1 VALUE SN2' #73, 'TITLE FIELD FOR STRUCTURED NOTE 4' @986.2	M S S M
@1032. 99 @1033. 99 @1042 @1045. 99 @1063		Notation Notation.note Notation.type_of_notation Notation to Element_identification (referenced_document_in_note) Parts_list_body to Notation (notes_list)	#69, #63, 'notation' #69, 'NOTICE - THE INFORMATION CONTAINED HEREIN IS PROPRIETARY.' #10, #11, 'type of notation', #12, 'STANDARD NOTES' @503.9 @1158	M S C5 M M

Id	V	Application Elements	Value	Req
@1285		Reference_document (as Other_reference_document)	#213, #256, #240, 'document', #231, #245, 'reference document'	M
@1288		Reference_document to Element_identification (document_identification)	@503.2	M
@1119		Other_reference_document	#213, #256, #240, 'document', #1991, #1992, #271, 'reference document'	M
@1128		Change_identification to Other_reference_document (revision_authorization_idenifications)	@111	M
@1591		Tdp_element (as Associated_list)	#223, #253, #240, 'document', #228, #241, 'parts list'	M
@1595		Tdp_element_and_item_association to Tdp_element (related_tdp_element)	@1597	M
@71		Associated_list (as Parts_list)	#223, #253, #241 'parts list'	M
@1153	*	Parts_list	#223, #253, #240, 'document', #228, #241, 'parts list'	M
@1154		Parts_list to Parts_list_body (list_body)	@1156	M
@1155		Parts_list to Parts_list_header (list_header)	@1169	M
@1156	*	Parts_list_body	#188, 'parts list body'	M
@1158		Parts_list_body to Notation (list_notes)	@1032.99	M
@1161		Parts_list_body to Item_list (parts_tabulations)	@910.1, #23, 'parts tabulation', @910.2, #21, 'parts tabulation', @910.5, #19, 'parts tabulation', @910.6, #20, 'parts tabulation'	M
@1168		Parts_list to Parts_list_body (list_body)	@1154	M
@1169	*	Parts_list_header	#118, 'parts list header'	M
@1170		Parts_list_header to Header (common_header)	@688	M
@1171		Parts_list to Parts_list_header (list_header)	@1155	M
@1172		Person	#175	M
@1176		Person.last_name	#175, 'NULL'	S
@1181	*	Person.unique_identifier	#175, 'MICKEY MOUSE'	S
@1184		Design_authority to Person (person_responsible)	@449	M
@1205	*	Product_configuration	#104	M

Id	V	Application Elements	Value	Req
@1206	*	Product_configuration.configuration_id	#104, '616SCPPAM100'	S
@1210		Product_configuration to Product_model (product_name)	@1238	M
@1211		Configuration to Product_configuration (end_item_system_designation)	@171	M
@1214		Effectivity to Product_configuration (product)	@498.1 - @498.5	M
@1238	*	Product_model	#105	M
@1239	*	Product_model.model_name	#105, '737'	S
@1240		Product_configuration to Product_model (product_name)	@1210	M
@1317		Release_authentication	#145	M
@1318		Release_authentication.authentication	#144, 'PDM'	S
@1321		Release_authentication to Company (release_authority)	@134.1, #115, #116, 'release authentication'	M
@1324		Release_authentication to Date (release_date)	@397, #150, #124, #152, 'release authentication'	M
@1325		Configuration to Release_authentication (release_authorizations)	@176	M
@1360		Security_classification	#113	M
@1361		Security_classification.item_classification	#113, 'item security classification', #114, PROPRIETARY	C6
@1368		Configuration to Security_classification (security_identifications)	@179	M
@492.1	*	Effectivity (as Sequence_effectivity)	#4	M
@494.1	*	Effectivity.description	#1, 'availability'	S
@498.1	*	Effectivity to Product_configuration (product)	@1205	M
@501	*	Item_usage to Effectivity (effective_on)	@958.1	M
@1372. 1	*	Sequence_effectivity	#4	M
@1373. 1	*	Sequence_effectivity.from_effectivity_id	#4, '200'	S

Id	V	Application Elements	Value	Req
@1377.1	*	Sequence_effectivity.thru_effectivity_id	#4, '99999'	S
@1378	*	Sequence_effectivity to Quantity (total_component_quantity_in_product_configuration)	<not_present>	M
@492.2		Effectivity (as Sequence_effectivity)	#5	M
@494.2		Effectivity.description	#2, 'availability'	S
@498.2		Effectivity to Product_configuration (product)	@1205	M
@501		Item_usage to Effectivity (effective_on)	@958.2	M
@1372.2		Sequence_effectivity	#5	M
@1373.2		Sequence_effectivity.from_effectivity_id	#5, '200'	S
@1377.2		Sequence_effectivity.thru_effectivity_id	#5, '99999'	S
@492.3		Effectivity (as Sequence_effectivity)	#6	M
@494.3		Effectivity.description	#3, 'availability'	S
@498.3		Effectivity to Product_configuration (product)	@1205	M
@501		Item_usage to Effectivity (effective_on)	@958.3	M
@1372.3		Sequence_effectivity	#6	M
@1373.3		Sequence_effectivity.from_effectivity_id	#6, '200'	S
@1377.3		Sequence_effectivity.thru_effectivity_id	#6, '99999'	S
@492.4		Effectivity (as Sequence_effectivity)	#17	M
@494.4		Effectivity.description	#15, 'availability'	S
@498.4		Effectivity to Product_configuration (product)	@1205	M
@501		Item_usage to Effectivity (effective_on)	@958.4	M
@1372.4		Sequence_effectivity	#17	M
@1373.4		Sequence_effectivity.from_effectivity_id	#17, '200'	S

Id	V	Application Elements	Value	Req
@1377.4		Sequence_effectivity.thru_effectivity_id	#17, '99999'	S
@492.5		Effectivity (as Sequence_effectivity)	#18	M
@494.5		Effectivity.description	#16, 'availability'	S
@498.5		Effectivity to Product_configuration (product)	@1205	M
@501		Item_usage to Effectivity (effective_on)	@958.5	M
@1372.5		Sequence_effectivity	#18	M
@1373.5		Sequence_effectivity.from_effectivity_id	#18, '200'	S
@1377.5		Sequence_effectivity.thru_effectivity_id	#18, '99999'	S
@1480	*	Status	#101	M
@1481	*	Status.status_code	#101, 'Approved'	S
@1484		Change_identification to Status (action_status)	@106	M
@1597		Tdp_element_and_item_association	#102	M
@1598		Tdp_element_and_item_association to Item (related_item)	@837.1	M
@1599		Tdp_element_and_item_association to Tdp_element (related_tdp_element)	@1595	M
@1640		Time	#147	M
@1641		Time.hour	#147, 1	S
@1643		Time.minute	#147, 16	S
@1645		Time.second	#147, 42.	S
@1646		Time.zone	#148, -8	S
@1647		Date to Time (specific_time)	@406	M

6.8.1.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc2, and gvc3.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following preprocessor-specific verdict criteria apply:

vc1: The instances of descriptive_representation_item that correspond to @1032.2 through @1032.10 are all referenced by the items attribute of the same instance of representation, identified as instance #41 in the exchange structure.

vc2: The instances of descriptive_representation_item that correspond to @1032.2 through @1032.5, @1032.8 through @1032.10, and @1032.19 through @1032.20 are all referenced by the items attribute of the same instance of representation, identified as instance #46 in the exchange structure.

vc3: The instances of descriptive_representation_item that correspond to @1032.11 through @1032.13 are all referenced by the items attribute of the same instance of representation.

vc4: The instances of descriptive_representation_item that correspond to @1032.14 and @1032.15 are all referenced by the items attribute of the same instance of representation.

vc5: The instance of descriptive_representation_item that corresponds to @1032.<n> is referenced by the items attribute of a unique instance of representation.

6.8.1.4 Constraints on values

The following constraints apply as referenced in the input specification table:

c1: The value '1' is suggested; all other attribute values are mandatory.

c2: The value 'A' is suggested; all other attribute values are mandatory.

c3: The value 'B' is suggested; all other attribute values are mandatory.

c4: The value 'Work Group.Group Code' is suggested; all other attribute values are mandatory.

c5: The value 'STANDARD NOTES' is suggested; all other attribute values are mandatory.

c6: The value 'PROPRIETARY' is suggested; all other attribute values are mandatory.

6.8.2 Postprocessor

6.8.2.1 Test purpose coverage

The following general test purposes are covered: g1, g4, and g5.

The following other test purposes are covered: other2, other5, and other6.

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any) whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following AIM test purposes are covered:

@aim4, @aim5, @aim46, @aim50, @aim52, @aim67, @aim68, @aim71, aim72, aim76, aim77, aim84, ...

6.8.2.2 Input specification

The postprocessor input specification is provided in electronic form only. See annex C.

6.8.2.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc4, and gvc5.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following specific verdict criteria apply:

6.9 4SMPL_developmental

The goal of this test case is to create the type of Parts List called a Supplier Module Parts List (SMPL) with the Module at Developmental Phase, which means that the second instance of the Change_identification object makes use of optional attribute issue_level.

6.9.1 Preprocessor

6.9.1.1 Test purposes covered:

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any), whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following general test purposes are covered: g1, g2, and g3.

The following other test purposes are covered: other1, other8, other12, other21, other34, other43, other47, and other48.

6.9.1.2 Input specification

Table 9 - Application elements for 4SMPL_developmental

Id	V	Application Elements	Value	Req
@12	*	Alternate_element_identification	#171, #191, #179, 'document'	M
@13	*	Alternate_element_identification.identifying_number	#191, '616MODPAM200#0000010A'	S
@18		Alternate_element_identification to Design_authority (design_activity)	@444.1	M
@20		Alternate_element_identification to Element_type (element_classifications)	@550.2	M

Id	V	Application Elements	Value	Req
@25		Element_identification to Alternate_element_identification (alternate_identifications)	@5062	M
@42	*	Alternate_item	#195	M
@44	*	Alternate_item.type_of_alternate	#14, 'SUBSTITUTION', #15, 'SUBSTITUTION'	S
@51	*	Alternate_item to Item_usage (interchange_item)	@953.3	M
@52	*	Item to Alternate_item (alternates)	@843.2	M
@84.1	*	Change_identification	#125, 'change identification'	M
@91.1		Change_identification.change_code	#125, 'revision with change'	M
@95.1	*	Change_identification.change_level	#109, 'change identification level', #115, ('1', 'change')	C1
@99	*	Change_identification.revision_authorization_identifications	#123, '1234-1234'	S
@104.1	*	Change_identification.revision_level	#108, 'change identification level', #114, ('A', 'revision'), #120, #83, #105, 'change identification', #168, 'A'	C2
@119		Element_identification to Change_identification (change_status)	@508	M
@84.2	*	Change_identification	#124, 'change identification'	M
@91.2		Change_identification.change_code	#124, 'revision with change'	M
@95.2	*	Change_identification.change_level	#111, 'change identification level', #117, ('1', 'change')	C1
@97	*	Change_identification.issue_level	#112, 'change identification level', #118, ('1', 'sequence')	C1
@103.2	*	Change_identification.revision_level	#110, 'change identification level', #116, ('A', 'revision'), #121, #85, #105, 'change identification', #167, 'A'	C2
@106		Change_identification to Status (action_status)	@1480	M
@108		Change_identification to Date (change_date)	@397	M
@111		Change_identification to Other_reference_document (revision_authorization_identifications)	@1119, #94, #86, #107, 'revision authorization identification', #90, #60, #163	M

Id	V	Application Elements	Value	Req
@123		Item_identification to Change_identification (change)	@878	M
@84.9		Change_identification	#126, 'change identification'	M
@90.9		Change_identification.change_code	#126, 'revision'	M
@104.9		Change_identification.revision_level	#113, 'change identification level', #119, ('B', 'revision'), #122, #88, #105, 'change identification', #166, 'B'	C3
@119		Element_identification to Change_identification (change_status)	@508.99	M
@134.1		Company	#140	M
@136		Company.address	#132, ('Headquarters', 'Drizzle', 'WA', '99999')	S
@137.1		Company.name	#140, 'The Errorspace Company'	S
@144.1		Design_authority to Company (design_activity_identification)	@445.1	M
@148		Release_authentication to Company (release_authority)	@1321	M
@134.2		Company	#141	M
@137.2		Company.name	#141, 'The Errorspace Company'	S
@144.2		Design_authority to Company (design_activity_identification)	@445.2	M
@134.3		Company	#142	M
@137.3		Company.name	#142, 'The Errorspace Company'	S
@144.3		Design_authority to Company (design_activity_identification)	@445.3	M
@152.1		Company_code	#140	M
@153.1		Company_code.code	#133, '99999'	S
@155.1		Company_code.type_of_code	#135, ('alias id', 'CAGE')	M
@158.1		Design_authority to Company_code (design_activity_code)	@447.1	M
@152.2		Company_code	#141	M
@153.2		Company_code.code	#134, 'P3124'	S

Id	V	Application Elements	Value	Req
@155.2		Company_code.type_of_code	#136, ('alias id', 'Work Group.Group Code')	C4
@158.2		Design_authority to Company_code (design_activity_code)	@447.2	M
@164		Configuration	#79	M
@171		Configuration to Product_configuration (end_item_system_designation)	@1205	M
@176		Configuration to Release_authentication (release_authorizations)	@1317, #78, #87, #106, 'release authentication'	M
@179		Configuration to Security_classification (security_identifications)	@1360	M
@181		Header_configuration_with_element_identification to Configuration (data_configuration)	@722	M
@397		Date	#102	M
@399		Date.day	#102, 10	S
@401		Date.month	#102, 9	S
@404		Date.year	#102, 2000	S
@406		Date to Time (specific_time)	@1640	M
@409		Change_identification to Date (change_date)	@108	M
@423		Release_authentication to Date (release_date)	@1324	M
@444.1		Design_authority	#137	M
@4442		Design_authority.role	#139, 'id owner'	M
@445.1		Design_authority to Company (design_activity_identification)	@134.1	M
@447.1		Design_authority to Company_code (design_activity_code)	@152.1	M
@450		Alternate_element_identification to Design_authority (design_activity)	@18	M
@454		Element_identification to Design_authority (design_activities)	@509.1	M
@444.2		Design_authority	#128	M
@4442		Design_authority.role	#131, 'id owner'	M

Id	V	Application Elements	Value	Req
@445.2		Design_authority to Company (design_activity_identification)	@134.2	M
@447.2		Design_authority to Company_code (design_activity_code)	@152.2	M
@449		Design_authority to Person (person_responsible)	@1172	M
@454		Element_identification to Design_authority (design_activities)	@509.2	M
@456		Item_identification to Design_authority (design_activity)	@882.1	M
@444.3		Design_authority	#138	M
@4442		Design_authority.role	#139, 'id owner'	M
@445.3		Design_authority to Company (design_activity_identification)	@134.3	M
@454		Element_identification to Design_authority (design_activities)	@509.3	M
@457		Item_identification to Design_authority (design_activity)	@882.2 - @882.3	M
@503.1	*	Element_identification	#168, #190, #179, 'document'	M
@504.1	*	Element_identification.identifying_number	#190, '616SCPPAM100,616MODPA M200'	S
@506		Element_identification.title	#190, THIS IS THE TITLE FIELD FOR A MODULE'	S
@5062		Element_identification to Alternate_element_identification (alternate_identities)	@12, #162, 'alternate element identification'	M
@508.1		Element_identification to Change_identification (change_status)	@84.1	M
@509.1		Element_identification to Design_authority (design_activities)	@444.1	M
@511.1		Element_identification to Element_type (element_classifications)	@550.1	M
@526		Header_configuration_with_element_identification to Element_identification (identification)	@723	M
@503.2	*	Element_identification	#163, #193, #179, 'document'	M

Id	V	Application Elements	Value	Req
@504.2	*	Element_identification.identifying_number	#193, '23343'	S
@506.2		Element_identification.title	#193, 'Change Identifier.Change Number'	M
@509.2		Element_identification to Design_authority (design_activities)	@444.2	M
@512.2		Element_identification to Element_type (element_classifications)	@550.3, @550.4	M
@520		Reference_document to Element_identification (document_identification)	@1288	M
@503.3	*	Element_identification	#165, #197, #179, 'document'	M
@504.3	*	Element_identification.identifying_number	#197, '616PSTBAB200,1'	S
@509.3	*	Element_identification to Design_authority (design_activities)	@444.3	M
@511.3	*	Element_identification to Element_type (element_classifications)	@550.5	M
@536	*	Notation to Element_identification (referenced_document_in_note)	@1045.2	M
@503.9	*	Element_identification	#166, #198, #179, 'document'	M
@504.9	*	Element_identification.identifying_number	#198, 'EDS-1057_SMPL'	S
@508.9	*	Element_identification to Change_identification (change_status)	@84.9	M
@509.9	*	Element_identification to Design_authority (design_activities)	@444.3	M
@536		Notation to Element_identification (referenced_document_in_note)	@1045.99	M
@550.1		Element_type	#181	M
@551.1		Element_type.element_code	#181, 'Supplier Module Parts List'	S
@553.1		Element_type.type_of_coding_scheme	#181, 'Distribution Product'	S
@558		Element_identification to Element_type (element_classifications)	@511.1	M
@550.2		Element_type	#182	M
@551.2		Element_type.element_code	#182, 'SMPL IDENTIFIER'	S

Id	V	Application Elements	Value	Req
@556		Alternate_element_identification to Element_type (element_classifications)	@22	M
@550.3		Element_type	#185	M
@551.3		Element_type.element_code	#185, 'MC'	S
@553.3		Element_type.type_of_coding_scheme	#185, 'Change Identifier.Change Type'	S
@558		Element_identification to Element_type (element_classifications)	@511.2	M
@550.4		Element_type	#186	M
@551.4		Element_type.element_code	#186, 'ABC123'	S
@553.4		Element_type.type_of_coding_scheme	#186, 'Change Identifier.Customer Variable'	S
@558		Element_identification to Element_type (element_classifications)	@511.2	M
@550.5		Element_type	#189	M
@551.5		Element_type.element_code	#186, 'drawing'	S
@558		Element_identification to Element_type (element_classifications)	@511.3	M
@688		Header	#79	M
@699		Header to Header_configuration_with_element_identification (header_configuration)	@721	M
@705		Parts_list_header to Header (common_header)	@1170	M
@721		Header_configuration_with_element_identification	#79	M
@722		Header_configuration_with_element_identification to Configuration (data_configuration)	@164	M
@723		Header_configuration_with_element_identification to Element_identification (identification)	@503.1	M
@726		Header to Header_configuration_with_element_identification (header_configuration)	@699	M
@837.1	*	Item	#144	M

Id	V	Application Elements	Value	Req
@839.1	*	Item.item_contexts	#167, #192, #200, 'Developmental'	S
@850.1		Item to Item_identification (identification)	@869.1	M
@856		Item to Notation (notes)	@1032.1	M
@867		Tdp_element_and_item_association to Item (related_item)	@1598	M
@837.2	*	Item	#148	M
@842.2	*	Item to Alternate_item (alternates)	@42	M
@850.2	*	Item to Item_identification (identification)	@869.2	M
@861	*	Item_usage to Item (being_defined_for)	@956.1	M
@837.3	*	Item	#149	M
@850.3	*	Item to Item_identification (identification)	@869.2	M
@861		Item_usage to Item (being_defined_for)	@956.2	M
@837.4	*	Item	#150	M
@850.4	*	Item to Item_identification (identification)	@869.3	M
@861		Item_usage to Item (being_defined_for)	@956.3	M
@869.1	*	Item_identification	#167	M
@870.1	*	Item_identification.identifying_number	#192, '616MODPAM200'	S
@878		Item_identification to Change_identification (change)	@84.2	M
@881		Item_identification to Item_type (classifications)	@945.1, @945.2	M
@882.1		Item_identification to Design_authority (design_activity)	@444.2	M
@896		Item to Item_identification (identification)	@850.1	M
@899		Item_list to Item_identification (list_for)	@921.1, @921.2	M
@869.2	*	Item_identification	#169	M
@870.2	*	Item_identification.identifying_number	#194, '616EGPPAE900'	S
@873.2	*	Item_identification.nomenclature_or_name	#194, 'DESCRIPTION FIELD FOR ENGINEERING PART'	S
@880.2	*	Item_identification to Item_type (classifications)	@945.3	M

Id	V	Application Elements	Value	Req
@882.2	*	Item_identification to Design_authority (design_activity)	@444.3	M
@897	*	Item to Item_identification (identification)	@850.2, @850.3	M
@869.3	*	Item_identification	#162	M
@870.3	*	Item_identification.identifying_number	#195, '616EGPPAE90001'	S
@873.3	*	Item_identification.nomenclature_or_name	#195, 'DESCRIPTION FIELD FOR SUBSTITUTE ENGINEERING PART'	S
@880.3	*	Item_identification to Item_type (classifications)	@945.3	M
@882.3	*	Item_identification to Design_authority (design_activity)	@444.3	M
@896		Item to Item_identification (identification)	@850.4	M
@910.1	*	Item_list	#145, #39, #155, 'item list'	M
@911.1	*	Item_list.type_of_component_list	#40, #158, 'module components list'	S
@918.1	*	Item_list to Item_usage (component_of)	@953.1	M
@921.1	*	Item_list to Item_identification (list_for)	@869.1	M
@923	*	Parts_list_body to Item_list (parts_tabulations)	@1160	M
@910.2	*	Item_list	#146, #42, #155, 'item list'	M
@911.2	*	Item_list.type_of_component_list	#43, #158, 'module components list'	S
@918.2	*	Item_list to Item_usage (component_of)	@953.2	M
@921.2	*	Item_list to Item_identification (list_for)	@869.1	M
@923		Parts_list_body to Item_list (parts_tabulations)	@1160	M
@945.1		Item_type	#183	M
@946.1		Item_type.item_code	#183, 'module'	S
@951		Item_identification to Item_type (classifications)	@881	M
@945.2	*	Item_type	#187	M
@946.2	*	Item_type.item_code	#187, '2A'	S
@948	*	Item_type.type_of_coding_scheme	#prpc, TAILORED BUSINESS STDE A.M.	S

Id	V	Application Elements	Value	Req
@951		Item_identification to Item_type (classifications)	STREAM'@881	M
@945.3		Item_type	#188	M
@946.3		Item_type.item_code	#188, 'part'	S
@952		Item_identification to Item_type (classifications)	@880.2 - @880.3	M
@953.1	*	Item_usage	#20, 'item usage'	M
@956.1	*	Item_usage to Item (being_defined_for)	@837.2, #148, #41, #157, 'item in list'	M
@958.1	*	Item_usage to Effectivity (effective_on)	@492.1	M
@960	*	Item_usage to List_item_usage (list_item)	@971	M
@968	*	Item_list to Item_usage (component_of)	@919.1	M
@953.2	*	Item_usage	#21, 'item usage'	M
@956.2	*	Item_usage to Item (being_defined_for)	@837.3, #149, #44, #157, 'item in list'	M
@958.2	*	Item_usage to Effectivity (effective_on)	@492.2	M
@968		Item_list to Item_usage (component_of)	@919.2	M
@953.3	*	Item_usage	#15, 'substitution'	M
@956.3	*	Item_usage to Item (being_defined_for)	@837.4, #150, #46, #157, 'item in list'	M
@962	*	Item_usage to Quantity (quantity_used_in_next_higher_assembly)	@1251	M
@969	*	Alternate_item to Item_usage (interchange_item)	@51	M
@971	*	List_item_usage	#20	M
@986	*	List_item_usage to Notation (entry_notes)	@1032.2 - @1032.4	M
@987	*	Item_usage to List_item_usage (list_item)	@960.3	M
@1032.1	*	Notation	#51, #27, 'notation'	M
@1033.1	*	Notation.note	#51i, '2A'	S
@1038.1	*	Notation.note_title	#51, TAILORED BUSINESS STREAM'	S

Id	V	Application Elements	Value	Req
@1065	*	Item to Notation (notes)	@856	M
@1032. 2	*	Notation	#49, #29, 'notation'	M
@1033. 2	*	Notation.note	#49, '616PSTBAB200 SHEET 1'	S
@1038. 2	*	Notation.note_title	#49, 'DRAWING'	S
@1045. 2	*	Notation to Element_identification (referenced_document_in_note)	@503.3	M
@1059		List_item_usage to Notation (entry_notes)	@986	M
@1032. 3	*	Notation	#53, #29, 'notation'	M
@1033. 3	*	Notation.note	#53, 'AIRPLANE MAINTENANCE ZONE'	S
@1038. 3	*	Notation.note_title	#53, 'TWILIGHT ZONE'	S
@1059		List_item_usage to Notation (entry_notes)	@986	M
@1032. 4	*	Notation	#52, #28, 'notation'	M
@1033. 4	*	Notation.note	#52, 'TEXT FIELD FOR FREE FORM NOTE 4'	S
@1038. 4	*	Notation.note_title	#52, 'TITLE FIELD FOR FREE FORM NOTE 4'	S
@1059		List_item_usage to Notation (entry_notes)	@986	M
@1032. 99		Notation	#50, #31, 'notation'	M
@1033. 99		Notation.note	#50, 'NOTICE – THE INFORMATION CONTAINED HEREIN IS PROPRIETARY.'	S
@1042		Notation.type_of_notation	#10, #11, 'type of notation', #12, 'STANDARD NOTES'	C5
@1045. 99		Notation to Element_identification (referenced_document_in_note)	@503.9	M
@1063		Parts_list_body to Notation (notes_list)	@1158	M

Id	V	Application Elements	Value	Req
@1285		Reference_document (as Other_reference_document)	#163, #193, #179, 'document', #175, #184, 'reference document'	M
@1288		Reference_document to Element_identification (document_identification)	@503.2	M
@1119		Other_reference_document	#163, #193, #179, 'document', #147, #156, #202, 'reference document'	M
@1128		Change_identification to Other_reference_document (revision_authorization_idenifications)	@111	M
@1591		Tdp_element (as Associated_list)	#168, #190, #179, 'document', #172, #180, 'parts list'	M
@1595		Tdp_element_and_item_association to Tdp_element (related_tdp_element)	@1597	M
@71		Associated_list (as Parts_list)	#168, #190, #180 'parts list'	M
@1153	*	Parts_list	#168, #190, #179, 'document', #172, #180, 'parts list'	M
@1154		Parts_list to Parts_list_body (list_body)	@1156	M
@1155		Parts_list to Parts_list_header (list_header)	@1169	M
@1156	*	Parts_list_body	#143, 'parts list body'	M
@1158		Parts_list_body to Notation (list_notes)	@1032.99	M
@1161		Parts_list_body to Item_list (parts_tabulations)	@910.1, #34, 'parts tabulation', @910.2, #35, 'parts tabulation'	M
@1168		Parts_list to Parts_list_body (list_body)	@1154	M
@1169	*	Parts_list_header	#79, 'parts list header'	M
@1170		Parts_list_header to Header (common_header)	@688	M
@1171		Parts_list to Parts_list_header (list_header)	@1155	M
@1172		Person	#130	M
@1176		Person.last_name	#130, 'NULL'	S
@1181	*	Person.unique_identifier	#130, 'MINNIE MOUSE'	S
@1184		Design_authority to Person (person_responsible)	@449	M
@1205	*	Product_configuration	#69	M

Id	V	Application Elements	Value	Req
@1206	*	Product_configuration.configuration_id	#69, '616SCPPAM100'	S
@1210		Product_configuration to Product_model (product_name)	@1238	M
@1211		Configuration to Product_configuration (end_item_system_designation)	@171	M
@1214		Effectivity to Product_configuration (product)	@498.1 - @498.2	M
@1238	*	Product_model	#70	M
@1239	*	Product_model.model_name	#70, '737'	S
@1240		Product_configuration to Product_model (product_name)	@1210	M
@1251	*	Quantity	#1503	M
@1255	*	Quantity.quantity_accuracy	#1504, #1505, 'as required'	M
@1258	*	Quantity.value_of	#1503, 'as required'	M
@1261	*	Item_usage to Quantity (quantity_used_in_next_higher_assembly)	@962	M
@1317		Release_authentication	#99	M
@1318		Release_authentication.authentication	#98, 'PDM'	S
@1321		Release_authentication to Company (release_authority)	@134.1, #76, #77, 'release authentication'	M
@1324		Release_authentication to Date (release_date)	@397, #104, #84, #106, 'release authentication'	M
@1325		Configuration to Release_authentication (release_authorizations)	@176	M
@1360		Security_classification	#74	M
@1361		Security_classification.item_classification	#74, 'item security classification', #75, 'PROPRIETARY'	C6
@1368		Configuration to Security_classification (security_identifications)	@179	M
@492.1	*	Effectivity (as Sequence_effectivity)	#18	M
@494.1	*	Effectivity.description	#16, 'availability'	S
@498.1	*	Effectivity to Product_configuration (product)	@1205	M

Id	V	Application Elements	Value	Req
@501	*	Item_usage to Effectivity (effective_on)	@958.1	M
@1372.1	*	Sequence_effectivity	#18	M
@1373.1	*	Sequence_effectivity.from_effectivity_id	#18, '300'	S
@1377.1	*	Sequence_effectivity.thru_effectivity_id	#18, '99999'	S
@1378	*	Sequence_effectivity to Quantity (total_component_quantity_in_product_configuration)	<not_present>	M
@492.2		Effectivity (as Sequence_effectivity)	#19	M
@494.2		Effectivity.description	#17, 'availability'	S
@498.2		Effectivity to Product_configuration (product)	@1205	M
@501		Item_usage to Effectivity (effective_on)	@958.2	M
@1372.2		Sequence_effectivity	#19	M
@1373.2		Sequence_effectivity.from_effectivity_id	#19, '300'	S
@1377.2		Sequence_effectivity.thru_effectivity_id	#19, '99999'	S
@1480	*	Status	#66	M
@1481	*	Status.status_code	#66, 'Approved'	S
@1484		Change_identification to Status (action_status)	@106	M
@1597		Tdp_element_and_item_association	#72	M
@1598		Tdp_element_and_item_association to Item (related_item)	@837.1	M
@1599		Tdp_element_and_item_association to Tdp_element (related_tdp_element)	@1595	M
@1640		Time	#101	M
@1641		Time.hour	#101, 18	S
@1643		Time.minute	#101, 49	S
@1645		Time.second	#101, 10.	S

Id	V	Application Elements	Value	Req
@1646		Time.zone	#100, -8	S
@1647		Date to Time (specific_time)	@406	M

6.9.1.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc2, and gvc3.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following preprocessor-specific verdict criteria apply:

6.9.1.4 Constraints on values

The following constraints apply as referenced in the input specification table:

- c1: The value 'I' is suggested; all other attribute values are mandatory.
- c2: The value 'A' is suggested; all other attribute values are mandatory.
- c3: The value 'B' is suggested; all other attribute values are mandatory.
- c4: The value 'Work Group.Group Code' is suggested; all other attribute values are mandatory.
- c5: The value 'STANDARD NOTES' is suggested; all other attribute values are mandatory.
- c6: The value 'PROPRIETARY' is suggested; all other attribute values are mandatory.

6.9.2 Postprocessor

6.9.2.1 Test purpose coverage

The following general test purposes are covered: g1, g4, and g5.

The following other test purposes are covered: other2, other5, and other6.

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any) whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following AIM test purposes are covered:

@aim4, @aim5, @aim46, @aim50, @aim52, @aim67, @aim68, @aim71, aim72, aim76, aim77, aim84, ...

6.9.2.2 Input specification

The postprocessor input specification is provided in electronic form only. See annex C.

6.9.2.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc4, and gvc5.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following specific verdict criteria apply:

6.10 6UoF_IDL2

The purpose of this test case is to test the UoF indentured_data_list with the minimum of information as determined by application element Indentured_data_list and its related, nonoptional application elements. From among the optional attributes of application object Configuration, this test case uses Release_authentication and related application object Date. The type of indentured data list is indentured list by document, as specified by attribute method_of_entry_tabulation of object Indentured_data_list_tabulation.

6.10.1 Preprocessor

6.10.1.1 Test purposes covered:

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any), whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following general test purposes are covered: g1, g2, and g3.

The following other test purposes are covered: other1 and other14.

6.10.1.2 Input specification

Table 10 - Application elements for 6UoF_IDL2

Id	V	Application Elements	Value	Req
@84.1	*	Change_identification	#10, 'change identification'	M
@90.1	*	Change_identification.change_code	#10 'revision'	M
@92	*	Change_identification.change_description	<not_present>	M
@94	*	Change_identification.change_level	<not_present>	M

Id	V	Application Elements	Value	Req
@96	*	Change_identification.issue_level	<not_present>	M
@98	*	Change_identification. revision_authorization_identifications	<not_present>	M
@101	*	Change_identification.revision_description	<not_present>	M
@104.1	*	Change_identification.revision_level	#17, 'change identification level', #20, ('A', 'revision'), #23, #27, #34, 'change identification', #46, 'A'	C1
@105	*	Change_identification to Status (action_status)	<not_present>	M
@107	*	Change_identification to Date (change_date)	<not_present>	M
@109	*	Change_identification to Date (issue_date)	<not_present>	M
@113	*	Change_identification to Date (revision_date)	<not_present>	M
@119.1	*	Element_identification to Change_identification (change_status)	@508.1	M
@84.2	*	Change_identification	#11, 'change identification'	M
@90.2	*	Change_identification.change_code	#11, 'revision'	M
@102.2	*	Change_identification.revision_description	#15, 'Description for version A of h1'	S
@104.2	*	Change_identification.revision_level	#18, 'change identification level', #21, ('A', 'revision'), #24, #28, #34, 'change identification', #47, 'A'	C1
@119.2	*	Element_identification to Change_identification (change_status)	@508.2	M
@84.3	*	Change_identification	#12, 'change identification'	M
@90.3	*	Change_identification.change_code	#12, 'revision'	M
@102.3	*	Change_identification.revision_description	#16, 'Description for version A of d1'	S
@104.3	*	Change_identification.revision_level	#19, 'change identification level', #22, ('A', 'revision'), #25, #29, #34, 'change identification', #48, 'A'	C1
@119.3	*	Element_identification to Change_identification (change_status)	@508.3	M

Id	V	Application Elements	Value	Req
@134	*	Company	#38	M
@135	*	Company.address	<not_present>	M
@137	*	Company.name	#38, 'New Ventures, Inc.'	S
@144	*	Design_authority to Company (design_activity_identification)	@445	M
@148	*	Release_authentication to Company (release_authority)	@1321	M
@152	*	Company_code	#38	M
@153	*	Company_code.code	#39, '99999'	S
@155	*	Company_code.type_of_code	#40, ('alias id', 'CAGE')	M
@156	*	Company_code to Company (code_administrator)	<not_present>	M
@158	*	Design_authority to Company_code (design_activity_code)	@447	M
@164	*	Configuration	#41	M
@165	*	Configuration.data_usage_rights	<not_present>	M
@167	*	Configuration to Distribution_notice (distribution_authorizations)	<not_present>	M
@170	*	Configuration to Product_configuration (end_item_system_designation)	<not_present>	M
@172	*	Configuration to Contract (preparing_contracts)	<not_present>	M
@176	*	Configuration to Release_authentication (release_authorizations)	@1317, #42, #30, #35, 'release authentication'	M
@178	*	Configuration to Security_classification (security_identifications)	<not_present>	M
@181	*	Header_configuration_with_element_identification to Configuration (data_configuration)	@722	M
@397	*	Date	#43	M
@399	*	Date.day	#43, 02	S
@401	*	Date.month	#43, 11	S
@402	*	Date.week	<not_present>	M
@404	*	Date.year	#43, 2000	S
@405	*	Date to Time (specific_time)	<not_present>	M

Id	V	Application Elements	Value	Req
@423	*	Release_authentication to Date (release_date)	@1324	M
@444	*	Design_authority	#44	M
@4442	*	Design_authority.role	#45, 'id owner'	M
@445	*	Design_authority to Company (design_activity_identification)	@134	M
@447	*	Design_authority to Company_code (design_activity_code)	@152	M
@448	*	Design_authority to Person (person_responsible)	<not_present>	M
@455	*	Element_identification to Design_authority (design_activities)	@509.1, @509.2, @509.3	M
@503.1	*	Element_identification	#46, #49, #52, 'document'	M
@504.1	*	Element_identification.identifying_number	#49, 'idl-h1'	S
@506.1	*	Element_identification.title	#49, 'indentured list for hub assembly'	S
@5061	*	Element_identification to Alternate_element_identification (alternate_identifications)	<not_present>	M
@508.1	*	Element_identification to Change_identification (change_status)	@84.1	M
@509.1	*	Element_identification to Design_authority (design_activities)	@444	M
@510	*	Element_identification to Element_type (element_classifications)	<not_present>	M
@513	*	Element_identification to Other_reference_document (outstanding_changes)	<not_present>	M
@526	*	Header_configuration_with_element_identification to Element_identification (identification)	@723	M
@503.2	*	Element_identification	#47, #50, #52, 'document'	M
@504.2	*	Element_identification.identifying_number	#50, 'h1'	S
@506.2	*	Element_identification.title	#50, 'hub assembly'	S
@508.2	*	Element_identification to Change_identification (change_status)	@84.2	M

Id	V	Application Elements	Value	Req
@509.2	*	Element_identification to Design_authority (design_activities)	@444	M
@530	*	Tdp_element_parent_to_tdp_element_child_relationship to Element_identification (parent)	@1615	M
@548	*	Tdp_indentured_tdp_element to Element_identification (tdp_indenture)	@1629	M
@503.3	*	Element_identification	#48, #51, #52, 'document'	M
@504.3	*	Element_identification.identifying_number	#51, 'd1'	S
@506.3	*	Element_identification.title	#51, 'disc with holes'	S
@508.3	*	Element_identification to Change_identification (change_status)	@84.3	M
@509.3	*	Element_identification to Design_authority (design_activities)	@444	M
@518	*	Tdp_element_parent_to_tdp_element_child_relationship to Element_identification (child)	@1614	M
@688	*	Header	#41	M
@689	*	Header.document_abstract	<not_present>	M
@691	*	Header.document_keywords	<not_present>	M
@694	*	Header.languages	<not_present>	M
@697	*	Header.sheet_count	<not_present>	M
@699	*	Header to Header_configuration_with_element_identification (header_configuration)	@721	M
@700	*	Header to Size_characteristics_full_size (size_of_sheet)	<not_present>	M
@704	*	Indented_data_list_header to Header (common_header)	@781	M
@721	*	Header_configuration_with_element_identification	#41	M
@722	*	Header_configuration_with_element_identification to Configuration (data_configuration)	@164	M
@723	*	Header_configuration_with_element_identification to Element_identification (identification)	@503.1	M

Id	V	Application Elements	Value	Req
@726	*	Header to Header_configuration_with_element_identification (header_configuration)	@699	M
@1591	*	Tdp_element (as Associated_list)	#46, #49, #52, 'document', #56, #53, 'indented data list'	M
@69	*	Associated_list (as Document_list)	#46, #49, #53, 'indented data list'	M
@72	*	Associated_list to List_presentation (presentation)	<not_present>	M
@74	*	Associated_list to drawing_or_product_data_set (related_to)	<not_present>	M
@469	*	Document_list (as Indentured_data_list)	#46	M
@737	*	Indentured_data_list	#46, #49, #52, 'document', #56, #53, 'indented data list'	M
@738	*	Indentured_data_list to Indentured_data_list_body (body)	@740	M
@739	*	Indentured_data_list to Indentured_data_list_header (header)	@780	M
@740	*	Indentured_data_list_body	#59, 'indented data list content'	M
@741	*	Indentured_data_list_body to Indentured_data_list_tabulation (indentured_tabulation)	@788, #71, 'equivalence', #69, #70, 'configuration controlled document definition', #68, #32, #37, 'indented by document'	M
@742	*	Indentured_data_list_body to Notation (notes_list)	<not_present>	M
@745	*	Indentured_data_list_body to Revision (revision_history)	<not_present>	M
@748	*	Indentured_data_list_body to Element_identification (standardization_documents_list)	<not_present>	M
@751	*	Indentured_data_list to Indentured_data_list_body (body)	@738	M
@752	*	Indentured_data_list_entry	#60, #66, #64, 'indented data list entry'	M
@754	*	Indentured_data_list_entry.entry_item_change_level	#26, #31, #36, 'change identification for entry', #10, #17, #20, 'A'	C1
@755	*	Indentured_data_list_entry.indenture_level	<not_present>	M

Id	V	Application Elements	Value	Req
@757	*	Indentured_data_list_entry to source_identification (available_from)	<not_present>	M
@762	*	Indentured_data_list_entry to Effectivity (effective_on)	<not_present>	M
@767	*	Indentured_data_list_entry to Tdp_element_parent_to_tdp_element_child_relationship (entry)	@1613	M
@768	*	Indentured_data_list_entry to Configuration (entry_configuration)	<not_present>	M
@770	*	Indentured_data_list_entry to Notation (entry_notes)	<not_present>	M
@7721	*	Indentured_data_list_entry to Retrofit_usage (retrofit)	<not_present>	M
@773	*	Indentured_data_list_entry to Special_conditions (special_conditions)	<not_present>	M
@776	*	Indentured_data_list_entry to Element_identification (superseded_entry)	<not_present>	M
@778	*	Indentured_data_list_tabulation to Indentured_data_list_entry (tabulation_of_entries)	@792	M
@780	*	Indentured_data_list_header	#41, 'indentured data list header'	M
@781	*	Indentured_data_list_header to Header (common_header)	@688	M
@782	*	Indentured_data_list_header to identification_select (procurement_references)	<not_present>	M
@787	*	Indentured_data_list to Indentured_data_list_header (header)	@739	M
@788	*	Indentured_data_list_tabulation	#68, #32, #37, 'indentured by document'	M
@789	*	Indentured_data_list_tabulation to Indentured_list_by_document (method_of_entry_tabulation)	@795	M
@792	*	Indentured_data_list_tabulation to Indentured_data_list_entry (tabulation_of_entries)	@752	M
@794	*	Indentured_data_list_body to Indentured_data_list_tabulation (indentured_tabulation)	@741	M
@795	*	Indentured_list_by_document	#68, #32, #37, 'indentured by document'	M
@796	*	Indentured_list_by_document to Tdp_element_to_tdp_element	@1628	M

Id	V	Application Elements	Value	Req
@798	*	Tdp_indentured_tdp_element (tdp_indentured_tdp_elements) Indentured_data_list_tabulation to Indentured_list_by_document (method_of_entry_tabulation)	@789	M
@1317	*	Release_authentication	#72	M
@1318	*	Release_authentication.authentication	#73, 'approved'	S
@1319	*	Release_authentication to Person (person_responsible)	<not_present>	M
@1321	*	Release_authentication to Company (release_authority)	@134, #74, #75, 'release authentication'	M
@1322	*	Release_authentication to Company_code (release_authority_code)	<not_present>	M
@1324	*	Release_authentication to Date (release_date)	@397, #76, #33, #35, 'release authentication'	M
@1325	*	Configuration to Release_authentication (release_authorizations)	@176	M
@1613	*	Tdp_element_parent_to_tdp_element_child_relationship	#65	M
@1614	*	Tdp_element_parent_to_tdp_element_child_relationship to Element_identification (child)	@503.3	M
@1615	*	Tdp_element_parent_to_tdp_element_child_relationship to Element_identification (parent)	@503.2	M
@1616	*	Indentured_data_list_entry to Tdp_element_parent_to_tdp_element_child_relationship (entry)	@767	M
@1628	*	Tdp_indentured_tdp_element	#61	M
@1629	*	Tdp_indentured_tdp_element to Element_identification (tdp_indenture)	@503.2	M
@1634	*	Indentured_list_by_document to Tdp_indentured_tdp_element (tdp_indentured_tdp_elements)	@796	M

6.10.1.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc2, and gvc3.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following preprocessor-specific verdict criteria apply:

6.10.1.4 Constraints on values

The following constraints apply as referenced in the input specification table:

c1: The value 'A'; is suggested; all other attribute values are mandatory.

6.10.2 Postprocessor

6.10.2.1 Test purpose coverage

The following general test purposes are covered: g1, g4, and g5.

The following other test purposes are covered: other2, other5, and other6.

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any) whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following AIM test purposes are covered:

@aim4, @aim5, @aim46, @aim50, @aim52, @aim67, @aim68, @aim71, aim72, aim76, aim77, aim84, ...

6.10.2.2 Input specification

The postprocessor input specification is provided in electronic form only. See annex C.

6.10.2.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc4, and gvc5.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following specific verdict criteria apply:

6.11 6SCML_initial

The purpose of this test case is to create an Indentured Data List of the type known as a Supplier Custom Module List (SCML) with at least one instance of each kind of information object that can comprise a SCML and that serves as a reference for additional SCMLs that will show net change information. The type of Indentured Data List is indentured list by item.

6.11.1 Preprocessor

6.11.1.1 Test purposes covered:

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any), whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following general test purposes are covered: g1, g2, and g3.

The following other test purposes are covered: other1, other10, other14, other21, and other34.

6.11.1.2 Input specification

Table 11 - Application elements for 6SCML_initial

Id	V	Application Elements	Value	Req
@12	*	Alternate_element_identification	#168, #179, #175, 'document'	M
@13	*	Alternate_element_identification.identifying_number	#179, '616SCPPAM100YA900362A'	S
@14	*	Alternate_element_identification.title	<not_present>	M
@16	*	Alternate_element_identification to Change_identification (change_status)	<not_present>	M
@18	*	Alternate_element_identification to Design_authority (design_activity)	@444.1	M
@20	*	Alternate_element_identification to Element_type (element_classifications)	@550.2	M
@22	*	Alternate_element_identification to Other_reference_document (outstanding_changes)	<not_present>	M
@25	*	Element_identification to Alternate_element_identification (alternate_identifications)	@5062	M
@59	*	Approval	#43	M
@60	*	Approval.purpose_of	#78, 'release authentication'	S
@61	*	Approval to Date (approval_date)	@397	M
@62	*	Approval to Person_and_organization (person_organization)	<not_present>	M
@67	*	Effectivity to Approval (effectivity_approvals)	@496.1 - @496.4	M
@84.1	*	Change_identification	#126, 'change identification'	M

Id	V	Application Elements	Value	Req
@90.1	*	Change_identification.change_code	#126, 'revision'	M
@92	*	Change_identification.change_description	<not_present>	M
@94	*	Change_identification.change_level	<not_present>	M
@96	*	Change_identification.issue_level	<not_present>	M
@98	*	Change_identification. revision_authorization_identities	<not_present>	M
@101	*	Change_identification.revision_description	<not_present>	M
@104.1	*	Change_identification.revision_level	#93, 'change identification level', #106, ('A', 'revision'), #119, #61, #84, 'change identification', #160, 'A'	C1
@106.1	*	Change_identification to Status (action_status)	@1480.1	M
@107	*	Change_identification to Date (change_date)	<not_present>	M
@109	*	Change_identification to Date (issue_date)	<not_present>	M
@113	*	Change_identification to Date (revision_date)	<not_present>	M
@119	*	Element_identification to Change_identification (change_status)	@508.1	M
@84.2	*	Change_identification	#127, 'change identification'	M
@91.2	*	Change_identification.change_code	#127, 'revision with change'	M
@95.2	*	Change_identification.change_level	#95, 'change identification level', #108, ('1', 'change')	C2
@104.2	*	Change_identification.revision_level	#94, 'change identification level', #107, ('A', 'revision'), #120, #64, #84, 'change identification', #161, 'A'	C1
@106.2	*	Change_identification to Status (action_status)	@1480.2	M
@124	*	Item_identification to Change_identification (change_status)	@878.2, @878.4	M
@84.3	*	Change_identification	#129, 'change identification'	M
@91.3	*	Change_identification.change_code	#129, 'revision with change'	M
@95.3	*	Change_identification.change_level	#99, 'change identification level', #112, ('1', 'change')	C2
@97	*	Change_identification.issue_level	#100, 'change identification level', #113, 'issue_level'	C2

Id	V	Application Elements	Value	Req
@104.3	*	Change_identification.revision_level	level', #113, ('1', 'sequence') #98, 'change identification level', #111, ('A', 'revision'), #122, #66, #84, 'change identification', #163, 'A'	C1
@106.3	*	Change_identification to Status (action_status)	@1480.3	M
@123	*	Item_identification to Change_identification (change_status)	@878.3	M
@84.4	*	Change_identification	#128, 'change identification'	M
@86	*	Change_identification.change_code	#128, 'change'	M
@95.4	*	Change_identification.change_level	#97, 'change identification level', #110, ('1', 'change')	C2
@103	*	Change_identification.revision_level	<not_present>	M
@106.4	*	Change_identification to Status (action_status)	@1480.4	M
@123		Item_identification to Change_identification (change_status)	@878.5	M
@84.9	*	Change_identification	#132, 'change identification'	M
@90.9	*	Change_identification.change_code	#132 'revision'	M
@104.9	*	Change_identification.revision_level	#105, 'change identification level', #132, ('B', 'revision'), #125, #69, #84, 'change identification', #166, 'B'	C3
@105	*	Change_identification to Status (action_status)	<not_present>	M
@119		Element_identification to Change_identification (change_status)	@508.9	M
@134.1	*	Company	#140	M
@136	*	Company.address	#134, 'Headquarters, Drizzle, WA 99999'	S
@137.1	*	Company.name	#140, 'The Errorspace Company'	S
@144.1	*	Design_authority to Company (design_activity_identification)	@445.1	M
@148	*	Release_authentication to Company (release_authority)	@1321	M
@134.2	*	Company	#141	M

Id	V	Application Elements	Value	Req
@135	*	Company.address	<not_present>	M
@137.2	*	Company.name	#141, 'The Errorspace Company'	S
@144.2	*	Design_authority to Company (design_activity_identification)	@445.2	M
@152	*	Company_code	#140	M
@153	*	Company_code.code	#135, '99999'	S
@155	*	Company_code.type_of_code	#136, ('alias id', 'CAGE')	M
@156	*	Company_code to Company (code_administrator)	<not_present>	M
@158	*	Design_authority to Company_code (design_activity_code)	@447	M
@164	*	Configuration	#53	M
@165	*	Configuration.data_usage_rights	<not_present>	M
@167	*	Configuration to Distribution_notice (distribution_authorizations)	<not_present>	M
@171	*	Configuration to Product_configuration (end_item_system_designation)	@1205	M
@172	*	Configuration to Contract (preparing_contracts)	<not_present>	M
@176	*	Configuration to Release_authentication (release_authorizations)	@1317, #43, #60, #85, 'release authentication'	M
@179	*	Configuration to Security_classification (security_identifications)	@1360	M
@181	*	Header_configuration_with_element_identification to Configuration (data_configuration)	@722	M
@397	*	Date	#81	M
@399	*	Date.day	#81, 02	S
@401	*	Date.month	#81, 11	S
@402	*	Date.week	<not_present>	M
@404	*	Date.year	#81, 2000	S
@405	*	Date to Time (specific_time)	<not_present>	M
@407	*	Approval to Date (approval_date)	@61	M
@423	*	Release_authentication to Date (release_date)	@1324	M

Id	V	Application Elements	Value	Req
@444.1	*	Design_authority	#137	M
@4442	*	Design_authority.role	#139, 'id owner'	M
@445.1	*	Design_authority to Company (design_activity_identification)	@134.1	M
@447	*	Design_authority to Company_code (design_activity_code)	@152	M
@448	*	Design_authority to Person (person_responsible)	<not_present>	M
@450	*	Alternate_element_identification to Design_authority (design_activity)	@18	M
@454	*	Element_identification to Design_authority (design_activities)	@509.1	M
@456	*	Item_identification to Design_authority (design_activity)	@882.1	M
@444.2	*	Design_authority	#138	M
		Design_authority.role	#139, 'id owner'	M
	*	Design_authority to Company (design_activity_identification)	@134.2	M
	*	Design_authority to Company_code (design_activity_code)	<not_present>	M
		Element_identification to Design_authority (design_activities)	@509.9	M
	*	Item_identification to Design_authority (design_activity)	@882.2, @882.3, @882.4, @882.5	M
@503.1	*	Element_identification	#160, #178, #172, 'document'	M
@504.1	*	Element_identification.identifying_number	#178, '616SCPPAM100,362,YA900'	S
@506	*	Element_identification.title	#178, 'DESCRIPTION FIELD FOR SUPPLIER CUSTOM PART'	S
@5062	*	Element_identification to Alternate_element_identification (alternate_identifications)	@12, #159, 'alternate element identification'	M
@508.1	*	Element_identification to Change_identification (change_status)	@84.1	M

Id	V	Application Elements	Value	Req
@509.1	*	Element_identification to Design_authority (design_activities)	@444.1	M
@511	*	Element_identification to Element_type (element_classifications)	@550.1	M
@513	*	Element_identification to Other_reference_document (outstanding_changes)	<not_present>	M
@526	*	Header_configuration_with_element_identification to Element_identification (identification)	@723	M
@503.9	*	Element_identification	#156, #186, #172, 'document'	M
@504.9	*	Element_identification.identifying_number	#186, 'EDS-1057_SCML'	S
@505	*	Element_identification.title	<not_present>	M
@5061	*	Element_identification to Alternate_element_identification (alternate_identifications)	<not_present>	M
@508.9	*	Element_identification to Change_identification (change_status)	@84.9	M
@509.9	*	Element_identification to Design_authority (design_activities)	@444.2	M
@510	*	Element_identification to Element_type (element_classifications)	<not_present>	M
@536	*	Notation to Element_identification (referenced_document_in_note)	@1045	M
@550.1	*	Element_type	#174	M
@551.1	*	Element_type.element_code	#174, 'Supplier Custom Module List'	S
@553	*	Element_type.type_of_coding_scheme	#174, 'Distribution Product'	S
@554	*	Element_type to Company (code_administrator)	<not_present>	M
@558	*	Element_identification to Element_type (element_classifications)	@511	M
@550.2	*	Element_type	#175	M
@551.2	*	Element_type.element_code	#175, 'SCML IDENTIFIER'	S
@552	*	Element_type.type_of_coding_scheme	<not_present>	M

Id	V	Application Elements	Value	Req
@556	*	Alternate_element_identification to Element_type (element_classifications)	@22	M
@688	*	Header	#53	M
@689	*	Header.document_abstract	<not_present>	M
@691	*	Header.document_keywords	<not_present>	M
@694	*	Header.languages	<not_present>	M
@697	*	Header.sheet_count	<not_present>	M
@699	*	Header to Header_configuration_with_element_identification (header_configuration)	@721	M
@700	*	Header to Size_characteristics_full_size (size_of_sheet)	<not_present>	M
@704	*	Indentured_data_list_header to Header (common_header)	@781	M
@721	*	Header_configuration_with_element_identification	#53	M
@722	*	Header_configuration_with_element_identification to Configuration (data_configuration)	@164	M
@723	*	Header_configuration_with_element_identification to Element_identification (identification)	@503.1	M
@726	*	Header to Header_configuration_with_element_identification (header_configuration)	@699	M
@1591	*	Tdp_element (as Associated_list)	#160, #178, #172, 'document', #169, #173, 'indentured data list'	M
@69	*	Associated_list (as Document_list)	#160, #178, #173, 'indentured data list'	M
@72	*	Associated_list to List_presentation (presentation)	<not_present>	M
@74	*	Associated_list to drawing_or_product_data_set (related_to)	<not_present>	M
@469	*	Document_list (as Indentured_data_list)	#160	M
@737	*	Indentured_data_list	#160, #178, #172, 'document', #169, #173, 'indentured data list'	M
@738	*	Indentured_data_list to Indentured_data_list_body (body)	@740	M

Id	V	Application Elements	Value	Req
@739	*	Indented_data_list to Indentured_data_list_header (header)	@780	M
@740	*	Indented_data_list_body	#142, 'indented data list content'	M
@741	*	Indented_data_list_body to Indentured_data_list_tabulation (indentured_tabulation)	@788, #153, 'equivalence', #155, #157, 'configuration controlled document definition', #75, #63, #86, 'indented by item'	M
@744	*	Indented_data_list_body to Notation (notes_list)	#54, 'indented data list body property', @1032.1, @1032.2, @1032.9	M
@745	*	Indented_data_list_body to Revision (revision_history)	<not_present>	M
@748	*	Indented_data_list_body to Element_identification (standardization_documents_list)	<not_present>	M
@751	*	Indented_data_list to Indentured_data_list_body (body)	@738	M
@752.1	*	Indented_data_list_entry	#146, #21, #152, 'indented data list entry'	M
@753	*	Indented_data_list_entry.entry_item_change_level	<not_present>	M
@756.1	*	Indented_data_list_entry.indenture_level	#58, 'indented data list entry property', #28, #32, 'indented level tag', #34, '1'	C4
@757	*	Indented_data_list_entry to source_identification (available_from)	<not_present>	M
@763.1	*	Indented_data_list_entry to Effectivity (effective_on)	@492.1	M
@764.1	*	Indented_data_list_entry to Item_parent_to_item_child_relationship (entry)	@931.1	M
@768	*	Indented_data_list_entry to Configuration (entry_configuration)	<not_present>	M
@770	*	Indented_data_list_entry to Notation (entry_notes)	<not_present>	M
@7721	*	Indented_data_list_entry to Retrofit_usage (retrofit)	<not_present>	M
@773	*	Indented_data_list_entry to Special_conditions (special_conditions)	<not_present>	M
@776	*	Indented_data_list_entry to Element_identification (superseded_entry)	<not_present>	M

Id	V	Application Elements	Value	Req
@778.1	*	Indentured_data_list_tabulation to Indentured_data_list_entry (tabulation_of_entries)	@793	M
@752.2	*	Indentured_data_list_entry	#145, #20, #152, 'indentured data list entry'	M
@756.2	*	Indentured_data_list_entry.indenture_level	#57, 'indentured data list entry property', #27, #32, 'indentured level tag', #34, '1'	C4
@763.2	*	Indentured_data_list_entry to Effectivity (effective_on)	@492.2	M
@764.2	*	Indentured_data_list_entry to Item_parent_to_item_child_relationship (entry)	@931.2	M
@778.2	*	Indentured_data_list_tabulation to Indentured_data_list_entry (tabulation_of_entries)	@793	M
@752.3	*	Indentured_data_list_entry	#143, #18, #152, 'indentured data list entry'	M
@756.3	*	Indentured_data_list_entry.indenture_level	#55, 'indentured data list entry property', #25, #32, 'indentured level tag', #34, '1'	C4
@763.3	*	Indentured_data_list_entry to Effectivity (effective_on)	@492.3	M
@764.3	*	Indentured_data_list_entry to Item_parent_to_item_child_relationship (entry)	@931.3	M
@778.3	*	Indentured_data_list_tabulation to Indentured_data_list_entry (tabulation_of_entries)	@793	M
@752.4	*	Indentured_data_list_entry	#144, #19, #152, 'indentured data list entry'	M
@756.4	*	Indentured_data_list_entry.indenture_level	#56, 'indentured data list entry property', #26, #321, 'indentured level tag', #341, '2'	C5
@763.4	*	Indentured_data_list_entry to Effectivity (effective_on)	@492.4	M
@764.4	*	Indentured_data_list_entry to Item_parent_to_item_child_relationship (entry)	@931.4	M
@778.4	*	Indentured_data_list_tabulation to Indentured_data_list_entry (tabulation_of_entries)	@793	M
@780	*	Indentured_data_list_header	#53, 'indentured data list header'	M
@781	*	Indentured_data_list_header to Header (common_header)	@688	M

Id	V	Application Elements	Value	Req
@782	*	Indentured_data_list_header to identification_select (procurement_references)	<not_present>	M
@787	*	Indentured_data_list to Indentured_data_list_header (header)	@739	M
@788	*	Indentured_data_list_tabulation	#75, #63, #86, 'indentured by item'	M
@790	*	Indentured_data_list_tabulation to Indentured_list_by_part (method_of_entry_tabulation)	@800	M
@793	*	Indentured_data_list_tabulation to Indentured_data_list_entry (tabulation_of_entries)	@752.1, @752.2, @752.3, @752.4	M
@794	*	Indentured_data_list_body to Indentured_data_list_tabulation (indentured_tabulation)	@741	M
@800	*	Indentured_list_by_part	#75, #63, #86, 'indentured by item'	M
@801	*	Indentured_list_by_part to Tdp_indentured_item (tdp_indentured_items)	@1620	M
@803	*	Indentured_data_list_tabulation to Indentured_list_by_part (method_of_entry_tabulation)	@790	M
@837.1	*	Item	#146	M
@839.1	*	Item.item_contexts	#164, #184, #188, 'Production'	S
@841	*	Item to Alternate_item (alternates)	<not_present>	M
@844	*	Item to Reference_document_usage (conditions_defined_through_constrained_document)	<not_present>	M
@847	*	Item to Reference_document (conditions_defined_through_simple_reference)	<not_present>	M
@850.1	*	Item to Item_identification (identification)	@869.2	M
@851	*	Item to Configuration (item_configuration)	<not_present>	M
@853	*	Item to Weight (item_weight)	<not_present>	M
@855	*	Item to Notation (notes)	<not_present>	M
@858	*	Item to Special_condition (special_conditions)	<not_present>	M
@837.2	*	Item	#145	M
@839.2	*	Item.item_contexts	#163, #183, #189, 'Developmental'	S

Id	V	Application Elements	Value	Req
@850.2	*	Item to Item_identification (identification)	@869.3	M
@837.3	*	Item	#143	M
@839.3	*	Item.item_contexts	#161, #181, #188, 'Production'	S
@850.3	*	Item to Item_identification (identification)	@869.4	M
@837.4	*	Item	#144	M
@839.4	*	Item.item_contexts	#162, #182, #188, 'Production'	S
@850.4	*	Item to Item_identification (identification)	@869.5	M
@869.1	*	Item_identification	#167	M
@870.1	*	Item_identification.identifying_number	#180, '616SCPPAM100'	S
@872	*	Item_identification.nomenclature_or_name	<not_present>	M
@874	*	Item_identification to Alternate_identification_of_item (alternate_identifications)	<not_present>	M
@877	*	Item_identification to Change_identification (change)	<not_present>	M
@880.1	*	Item_identification to Item_type (classifications)	@945.1	M
@882.1	*	Item_identification to Design_authority (design_activity)	@444.1	M
@883	*	Item_identification to Source_information_type (source_information)	<not_present>	M
@901	*	Item_parent_to_item_child_relationship to Item_identification (parent)	@933.1, @933.2, @933.3	M
@908	*	Tdp_indentured_item to Item_identification (tdp_indenture)	@1621	M
@869.2	*	Item_identification	#164	M
@870.2	*	Item_identification.identifying_number	#184, '616MODPAM100'	S
@873.2	*	Item_identification.nomenclature_or_name	#184, 'TITLE FIELD FOR MODULE'	S
@878.2	*	Item_identification to Change_identification (change)	@84.2	M
@880.2	*	Item_identification to Item_type (classifications)	@945.2	M
@882.2	*	Item_identification to Design_authority (design_activity)	@444.2	M

Id	V	Application Elements	Value	Req
@889	*	Item_parent_to_item_child_relationship to Item_identification (child)	@932.1	M
@896	*	Item to Item_identification (identification)	@850.1	M
@869.3	*	Item_identification	#163	M
@870.3	*	Item_identification.identifying_number	#183, '616MODPAM200'	S
@873.3	*	Item_identification.nomenclature_or_name	#183, 'TITLE FIELD FOR MODULE'	S
@878.3	*	Item_identification to Change_identification (change)	@84.3	M
@880.3	*	Item_identification to Item_type (classifications)	@945.2	M
@882.3	*	Item_identification to Design_authority (design_activity)	@444.2	M
@889		Item_parent_to_item_child_relationship to Item_identification (child)	@932.2	M
@896		Item to Item_identification (identification)	@850.2	M
@869.4	*	Item_identification	#161	M
@870.4	*	Item_identification.identifying_number	#181, '616MODPAM900'	S
@873.4	*	Item_identification.nomenclature_or_name	#181, 'TITLE FIELD FOR MODULE'	S
@878.4	*	Item_identification to Change_identification (change)	@84.2	M
@880.4	*	Item_identification to Item_type (classifications)	@945.2	M
@882.4	*	Item_identification to Design_authority (design_activity)	@444.2	M
@889		Item_parent_to_item_child_relationship to Item_identification (child)	@932.3	M
@896		Item to Item_identification (identification)	@850.3	M
@900	*	Item_parent_to_item_child_relationship to Item_identification (parent)	@933.4	M
@869.5	*	Item_identification	#162	M
@870.5	*	Item_identification.identifying_number	#182, '616EMODPAM100'	S
@873.5	*	Item_identification.nomenclature_or_name	#182, 'TITLE FIELD FOR EXCEPTION MODULE'	S

Id	V	Application Elements	Value	Req
@878.5	*	Item_identification to Change_identification (change)	@84.4, #121, #65, #84, 'change identification'	M
@880.5	*	Item_identification to Item_type (classifications)	@945.3	M
@882.5	*	Item_identification to Design_authority (design_activity)	@444.2	M
@889		Item_parent_to_item_child_relationship to Item_identification (child)	@932.4	M
@896		Item to Item_identification (identification)	@850.4	M
@931.1	*	Item_parent_to_item_child_relationship	#73	M
@932.1	*	Item_parent_to_item_child_relationship to Item_identification (child)	@869.2	M
@933.1	*	Item_parent_to_item_child_relationship to Item_identification (parent)	@869.1	M
@934	*	Indented_data_list_entry to Item_parent_to_item_child_relationship (entry)	@764.1	M
@931.2	*	Item_parent_to_item_child_relationship	#72	M
@932.2	*	Item_parent_to_item_child_relationship to Item_identification (child)	@869.3	M
@933.2	*	Item_parent_to_item_child_relationship to Item_identification (parent)	@869.1	M
@934		Indented_data_list_entry to Item_parent_to_item_child_relationship (entry)	@764.2	M
@931.3	*	Item_parent_to_item_child_relationship	#70	M
@932.3	*	Item_parent_to_item_child_relationship to Item_identification (child)	@869.4	M
@933.3	*	Item_parent_to_item_child_relationship to Item_identification (parent)	@869.1	M
@934		Indented_data_list_entry to Item_parent_to_item_child_relationship (entry)	@764.3	M
@931.4	*	Item_parent_to_item_child_relationship	#71	M
@932.4	*	Item_parent_to_item_child_relationship to Item_identification (child)	@869.5	M
@933.4	*	Item_parent_to_item_child_relationship to Item_identification (parent)	@869.4	M

Id	V	Application Elements	Value	Req
@934		Indented_data_list_entry to Item_parent_to_item_child_relationship (entry)	@764.4	M
@945.1	*	Item_type	#176	M
@946.1	*	Item_type.item_code	#176, 'supplier custom part'	S
@947	*	Item_type.type_of_coding_scheme	<not_present>	M
@949	*	Item_type to Company (code_administrator)	<not_present>	M
@951	*	Item_identification to Item_type (classifications)	@880.1	M
@945.2	*	Item_type	#177	M
@946.2	*	Item_type.item_code	#177, 'module'	S
@952	*	Item_identification to Item_type (classifications)	@880.2, @880.3, @880.4	M
@945.3	*	Item_type	#1771	M
@946.3	*	Item_type.item_code	#1771, 'exception module'	S
@951		Item_identification to Item_type (classifications)	@880.5	M
@1032.1	*	Notation	#331, #31, 'notation'	M
@1033.1	*	Notation.note	#331, 'TEXT FIELD FOR INSPECTION REQUIREMENTS SPECIFICATION'	S
@1034	*	Notation.note_parameter	<not_present>	M
@1038.1	*	Notation.note_title	#331, 'INSPECTION REQUIREMENTS SPECIFICATION'	S
@1039	*	Notation.reference_code	<not_present>	M
@1041	*	Notation.type_of_notation	<not_present>	M
@1044	*	Notation to Element_identification (referenced_document_in_note)	<not_present>	M
@1071	*	Indented_data_list_body to Notation (notes_list)	@744	M
@1032.2	*	Notation	#332, #31, 'notation'	M
@1033.2	*	Notation.note	#332, 'Forecasted'	S

Id	V	Application Elements	Value	Req
@1038.2	*	Notation.note_title	#332, 'AIRPLANE STATUS'	S
@1071		Indentured_data_list_body to Notation (notes_list)	@744	M
@1032.9	*	Notation	#35, #33, 'notation'	M
@1033.9	*	Notation.note	#35, 'NOTICE - THE INFORMATION CONTAINED HEREIN IS PROPRIETARY.'	S
@1037	*	Notation.note_title	<not_present>	M
@1042	*	Notation.type_of_notation	#10, #11, 'type of notation', #12, 'STANDARD NOTES'	C6
@1045	*	Notation to Element_identification (referenced_document_in_note)	@503.9	M
@1071		Indentured_data_list_body to Notation (notes_list)	@744	M
@1205	*	Product_configuration	#46	M
@1206	*	Product_configuration.configuration_id	#46, 'YA900'	S
@1207	*	Product_configuration to Approval (approval_of_configuration)	<not_present>	M
@1210	*	Product_configuration to Product_model (product_name)	@1238	M
@1211	*	Configuration to Product_configuration (end_item_system_designation)	@171	M
@1214	*	Effectivity to Product_configuration (product)	@498.1 - @498.4	M
@1238	*	Product_model	#45	M
@1239	*	Product_model.model_name	#45, '737'	S
@1240	*	Product_configuration to Product_model (product_name)	@1210	M
@1317	*	Release_authentication	#78	M
@1318	*	Release_authentication.authentication	#77, 'PDM'	S
@1319	*	Release_authentication to Person (person_responsible)	<not_present>	M
@1321	*	Release_authentication to Company (release_authority)	@134.1, #41, #42, 'release authentication'	M

Id	V	Application Elements	Value	Req
@1322	*	Release_authentication to Company_code (release_authority_code)	<not_present>	M
@1324	*	Release_authentication to Date (release_date)	@397, #83, #62, #85, 'release authentication'	M
@1325	*	Configuration to Release_authentication (release_authorizations)	@176	M
@1360	*	Security_classification	#39	M
@1361	*	Security_classification.item_classification	#39, 'item security classification', #40, 'PROPRIETARY'	C7
@1362	*	Security_classification.title_security_classification	<not_present>	M
@1364	*	Security_classification to Date (classification_date)	<not_present>	M
@1366	*	Security_classification to Date (declassification_date)	<not_present>	M
@1368	*	Configuration to Security_classification (security_identifications)	@179	M
@492.1	*	Effectivity (as Sequence_effectivity)	#51	M
@494.1	*	Effectivity.description	#16, 'applicability'	S
@496.1	*	Effectivity to Approval (effectivity_approvals)	@59	M
@498.1	*	Effectivity to Product_configuration (product)	@1205	M
@499	*	Indentured_data_list_entry to Effectivity (effective_on)	@763.1	M
@1372. 1	*	Sequence_effectivity	#51	M
@1373. 1	*	Sequence_effectivity.from_effectivity_id	#51, '362'	S
@1374	*	Sequence_effectivity.quantity_unit_of_measure	<not_present>	M
@1377. 1	*	Sequence_effectivity.thru_effectivity_id	#51, '362'	S
@1378	*	Sequence_effectivity to Quantity (total_component_quantity_in_product_configuration)	<not_present>	M
@492.2	*	Effectivity (as Sequence_effectivity)	#50	M
@494.2	*	Effectivity.description	#15, 'applicability'	S
@496.2	*	Effectivity to Approval (effectivity_approvals)	@59	M

Id	V	Application Elements	Value	Req
@498.2	*	Effectivity to Product_configuration (product)	@1205	M
@499		Indentured_data_list_entry to Effectivity (effective_on)	@763.2	M
@1372.2	*	Sequence_effectivity	#50	M
@1373.2	*	Sequence_effectivity.from_effectivity_id	#50, '362'	S
@1377.2	*	Sequence_effectivity.thru_effectivity_id	#50, '362'	S
@492.3	*	Effectivity (as Sequence_effectivity)	#48	M
@494.3	*	Effectivity.description	#13, 'applicability'	S
@496.3	*	Effectivity to Approval (effectivity_approvals)	@59	M
@498.3	*	Effectivity to Product_configuration (product)	@1205	M
@499		Indentured_data_list_entry to Effectivity (effective_on)	@763.3	M
@1372.3	*	Sequence_effectivity	#48	M
@1373.3	*	Sequence_effectivity.from_effectivity_id	#48, '362'	S
@1377.3	*	Sequence_effectivity.thru_effectivity_id	#48, '362'	S
@492.4	*	Effectivity (as Sequence_effectivity)	#49	M
@494.4	*	Effectivity.description	#14, 'applicability'	S
@496.4	*	Effectivity to Approval (effectivity_approvals)	@59	M
@498.4	*	Effectivity to Product_configuration (product)	@1205	M
@499		Indentured_data_list_entry to Effectivity (effective_on)	@763.4	M
@1372.4	*	Sequence_effectivity	#49	M
@1373.4	*	Sequence_effectivity.from_effectivity_id	#49, '362'	S
@1377.4	*	Sequence_effectivity.thru_effectivity_id	#49, '362'	S
@1480.1	*	Status	#87	M

Id	V	Application Elements	Value	Req
@1481.1	*	Status.status_code	#87, 'Components Available for Order'	S
@1482	*	Status.status_code_basis	<not_present>	M
@1484		Change_identification to Status (action_status)	@106.1	M
@1480.2	*	Status	#88	M
@1481.2	*	Status.status_code	#88, 'Approved'	S
@1484		Change_identification to Status (action_status)	@106.2	M
@1480.3	*	Status	#90	M
@1481.3	*	Status.status_code	#90, 'Approved'	S
@1484		Change_identification to Status (action_status)	@106.3	M
@1480.4	*	Status	#89	M
@1481.4	*	Status.status_code	#89, 'Approved'	S
@1484		Change_identification to Status (action_status)	@106.4	M
@1620	*	Tdp_indentured_item	#148	M
@1621	*	Tdp_indentured_item to Item_identification (tdp_indenture)	@869.1	M
@1626	*	Indented_list_by_part to Tdp_indentured_item (tdp_indentured_items)	@801	M

6.11.1.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc2, and gvc3.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following preprocessor-specific verdict criteria apply:

6.11.1.4 Constraints on values

The following constraints apply as referenced in the input specification table:

- c1: The value 'A'; is suggested; all other attribute values are mandatory.
- c2: The value '1'; is suggested; all other attribute values are mandatory.
- c3: The value 'B'; is suggested; all other attribute values are mandatory.
- c4: The value '1'; is suggested; all other attribute values are mandatory.
- c5: The value '2'; is suggested; all other attribute values are mandatory.
- c6: The value 'STANDARD NOTES'; is suggested; all other attribute values are mandatory.
- c7: The value 'PROPRIETARY'; is suggested; all other attribute values are mandatory.

6.11.2 Postprocessor

6.11.2.1 Test purpose coverage

The following general test purposes are covered: g1, g4, and g5.

The following other test purposes are covered: other2, other5, and other6.

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any) whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following AIM test purposes are covered:

@aim4, @aim5, @aim46, @aim50, @aim52, @aim67, @aim68, @aim71, aim72, aim76, aim77, aim84, ...

6.11.2.2 Input specification

The postprocessor input specification is provided in electronic form only. See annex C.

6.11.2.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc4, and gvc5.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following specific verdict criteria apply:

6.12 6SCML_revised

The purpose of this test case is to create an Indentured Data List of the type known as a Supplier Custom Module List (SCML) with at least two instances of each kind of information object that can comprise a SCML. In addition this SCML is at Revision B and shows net change information, in the form of Notation objects related to Indentured_data_list_entry objects. The type of Indentured Data List is indentured list by item.

6.12.1 Preprocessor

6.12.1.1 Test purposes covered:

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any), whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following general test purposes are covered: g1, g2, and g3.

The following other test purposes are covered: other1, other10, other14, other21, and other34.

6.12.1.2 Input specification

Table 12 - Application elements for 6SCML_revised

Id	V	Application Elements	Value	Req
@12	*	Alternate_element_identification	#168, #180, #172, 'document'	M
@13	*	Alternate_element_identification.identifying_number	#180, '616SCPPAM100YA900362B'	S
@18		Alternate_element_identification to Design_authority (design_activity)	@444.1	M
@20		Alternate_element_identification to Element_type (element_classifications)	@550.2	M
@25		Element_identification to Alternate_element_identification (alternate_identifications)	@5062	M
@59		Approval	#43	M
@60		Approval.purpose_of	#78, 'release authentication'	S
@61		Approval to Date (approval_date)	@397	M
@67		Effectivity to Approval (effectivity_approvals)	@496.1 - @496.4	M
@84.1	*	Change_identification	#126, 'change identification'	M

Id	V	Application Elements	Value	Req
@90.1		Change_identification.change_code	#126, 'revision'	M
@104.1	*	Change_identification.revision_level	#93, 'change identification level', #106, ('B', 'revision'), #119, #61, #84, 'change identification', #160, 'B'	C1
@106.1		Change_identification to Status (action_status)	@1480.1	M
@119		Element_identification to Change_identification (change_status)	@508.1	M
@84.2	*	Change_identification	#130, 'change identification'	M
@91.2	*	Change_identification.change_code	#130, 'revision with change'	M
@95.2	*	Change_identification.change_level	#102, 'change identification level', #115, ('1', 'change')	C2
@104.2	*	Change_identification.revision_level	#101, 'change identification level', #114, ('A', 'revision'), #123, #67, #84, 'change identification', #164, 'A'	C3
@106.2	*	Change_identification to Status (action_status)	@1480.2	M
@123	*	Item_identification to Change_identification (change_status)	@878.2	M
@84.3	*	Change_identification	#127, 'change identification'	M
@91.3	*	Change_identification.change_code	#127, 'revision with change'	M
@95.3	*	Change_identification.change_level	#95, 'change identification level', #108, ('1', 'change')	C2
@104.3	*	Change_identification.revision_level	#94, 'change identification level', #107, ('B', 'revision'), #120, #64, #84, 'change identification', #161, 'B'	C1
@106.3	*	Change_identification to Status (action_status)	@1480.3	M
@123		Item_identification to Change_identification (change_status)	@878.3	M
@84.4	*	Change_identification	#132, 'change identification'	M
@91.4	*	Change_identification.change_code	#132, 'revision with change'	M
@95.4	*	Change_identification.change_level	#111, 'change identification level', #120, ('1', 'change')	C2

Id	V	Application Elements	Value	Req
@97.4	*	Change_identification.issue_level	#112, 'change identification level', #121, ('1', 'sequence')	C2
@104.4	*	Change_identification.revision_level	#110, 'change identification level', #119, ('A', 'revision'), #127, #69, #100, 'change identification', #165, 'A'	C3
@106.4	*	Change_identification to Status (action_status)	@1480.4	M
@123		Item_identification to Change_identification (change_status)	@878.4	M
@84.9		Change_identification	#132, 'change identification'	M
@90.9		Change_identification.change_code	#132, 'revision'	M
@104.9		Change_identification.revision_level	#105, 'change identification level', #118, ('B', 'revision'), #125, #69, #84, 'change identification', #166, 'B'	C1
@119		Element_identification to Change_identification (change_status)	@508.9	M
@134.1		Company	#140	M
@136		Company.address	#134, 'Headquarters, Drizzle, WA 99999'	S
@137.1		Company.name	#140, 'The Errorspace Company'	S
@144.1		Design_authority to Company (design_activity_identification)	@445.1	M
@148		Release_authentication to Company (release_authority)	@1321	M
@134.2		Company	#141	M
@137.2		Company.name	#141, 'The Errorspace Company'	S
@144.2		Design_authority to Company (design_activity_identification)	@445.2	M
@152		Company_code	#140	M
@153		Company_code.code	#135, '99999'	S
@155		Company_code.type_of_code	#136, ('alias id', 'CAGE')	M

Id	V	Application Elements	Value	Req
@158		Design_authority to Company_code (design_activity_code)	@447	M
@164		Configuration	#53	M
@171		Configuration to Product_configuration (end_item_system_designation)	@1205	M
@176		Configuration to Release_authentication (release_authorizations)	@1317, #43, #66, #85, 'release authentication'	M
@179		Configuration to Security_classification (security_identifications)	@1360	M
@181		Header_configuration_with_element_identification to Configuration (data_configuration)	@722	M
@397		Date	#81	M
@399		Date.day	#81, 15	S
@401		Date.month	#81, 9	S
@404		Date.year	#81, 2000	S
@407		Approval to Date (approval_date)	@61	M
@423		Release_authentication to Date (release_date)	@1324	M
@444.1		Design_authority	#137	M
@4442		Design_authority.role	#139, 'id owner'	M
@445.1		Design_authority to Company (design_activity_identification)	@134.1	M
@447		Design_authority to Company_code (design_activity_code)	@152	M
@454		Element_identification to Design_authority (design_activities)	@509.1	M
@450		Alternate_element_identification to Design_authority (design_activity)	@18	M
@456		Item_identification to Design_authority (design_activity)	@882.1	M
@444.2		Design_authority	#138	M
@4442		Design_authority.role	#139, 'id owner'	M

Id	V	Application Elements	Value	Req
@445.2		Design_authority to Company (design_activity_identification)	@134.2	M
@454		Element_identification to Design_authority (design_activities)	@509.9	M
@457		Item_identification to Design_authority (design_activity)	@882.2 - @882.6	M
@503.1	*	Element_identification	#160, #179, #172, 'document'	M
@504.1	*	Element_identification.identifying_number	#179, '616SCPPAM100,362,YA900'	S
@506		Element_identification.title	#179, 'DESCRIPTION FIELD FOR SUPPLIER CUSTOM PART'	S
@5062		Element_identification to Alternate_element_identification (alternate_identifications)	@12, #159, 'alternate element identification'	M
@508.1		Element_identification to Change_identification (change_status)	@84.1	M
@509.1		Element_identification to Design_authority (design_activities)	@444.1	M
@511		Element_identification to Element_type (element_classifications)	@550.1	M
@526		Header_configuration_with_element_identification to Element_identification (identification)	@723	M
@503.9		Element_identification	#166, #187, #172, 'document'	M
@504.9		Element_identification.identifying_number	#187, 'EDS-1057_SCML'	S
@508.9		Element_identification to Change_identification (change_status)	@84.9	M
@509.9		Element_identification to Design_authority (design_activities)	@444.2	M
@536		Notation to Element_identification (referenced_document_in_note)	@1045	M
@550.1		Element_type	#174	M
@551.1		Element_type.element_code	#174, 'Supplier Custom Module List'	S
@553		Element_type.type_of_coding_scheme	#174, 'Distribution Product'	S

Id	V	Application Elements	Value	Req
@558		Element_identification to Element_type (element_classifications)	@511	M
@550.2		Element_type	#175	M
@551.2		Element_type.element_code	#175, 'SCML IDENTIFIER'	S
@556		Alternate_element_identification to Element_type (element_classifications)	@22	M
@688		Header	#53	M
@699		Header to Header_configuration_with_element_identification (header_configuration)	@721	M
@704		Indented_data_list_header to Header (common_header)	@781	M
@721		Header_configuration_with_element_identification	#53	M
@722		Header_configuration_with_element_identification to Configuration (data_configuration)	@164	M
@723		Header_configuration_with_element_identification to Element_identification (identification)	@503.1	M
@726		Header to Header_configuration_with_element_identification (header_configuration)	@699	M
@1591		Tdp_element (as Associated_list)	#160, #179, #172, 'document', #169, #173, 'indented data list'	M
@69		Associated_list (as Document_list)	#160, #179, #173, 'indented data list'	M
@469		Document_list (as Indentured_data_list)	#160	M
@737	*	Indentured_data_list	#160, #179, #172, 'document', #169, #173, 'indented data list'	M
@738		Indentured_data_list to Indentured_data_list_body (body)	@740	M
@739		Indentured_data_list to Indentured_data_list_header (header)	@780	M
@740	*	Indentured_data_list_body	#142, 'indented data list content'	M

Id	V	Application Elements	Value	Req
@741		Indentured_data_list_body to Indentured_data_list_tabulation (indentured_tabulation)	@788, #153, 'equivalence', #155, #157, 'configuration controlled document definition', #75, #63, #86, 'indentured by item'	M
@744		Indentured_data_list_body to Notation (notes_list)	#54, 'indentured data list body property', @1032.1 - @1032.3, @1032.9	M
@751		Indentured_data_list to Indentured_data_list_body (body)	@738	M
@752.1	*	Indentured_data_list_entry	#146, #21, #152, 'indentured data list entry'	M
@753	*	Indentured_data_list_entry.entry_item_change_level	<not_present>	M
@756.1	*	Indentured_data_list_entry.indenture_level	#58, 'indentured data list entry property', #28, #32, 'indentured level tag', #34, '1'	C4
@763.1	*	Indentured_data_list_entry to Effectivity (effective_on)	@492.1	M
@764.1	*	Indentured_data_list_entry to Item_parent_to_item_child_relationship (entry)	@931.1	M
@778	*	Indentured_data_list_tabulation to Indentured_data_list_entry (tabulation_of_entries)	@793	M
@752.2	*	Indentured_data_list_entry	#143, #18, #152, 'indentured data list entry'	M
@756.2	*	Indentured_data_list_entry.indenture_level	#55, 'indentured data list entry property', #25, #32, 'indentured level tag', #34, '1'	C4
@763.2	*	Indentured_data_list_entry to Effectivity (effective_on)	@492.2	M
@764.2	*	Indentured_data_list_entry to Item_parent_to_item_child_relationship (entry)	@931.2	M
@778		Indentured_data_list_tabulation to Indentured_data_list_entry (tabulation_of_entries)	@793	M
@752.3	*	Indentured_data_list_entry	#145, #20, #152, 'indentured data list entry'	M
@756.3	*	Indentured_data_list_entry.indenture_level	#57, 'indentured data list entry property', #27, #32, 'indentured level tag', #34, '1'	C4

Id	V	Application Elements	Value	Req
@763.3	*	Indented_data_list_entry to Effectivity (effective_on)	@492.3	M
@764.3	*	Indented_data_list_entry to Item_parent_to_item_child_relationship (entry)	@931.3	M
@778		Indented_data_list_tabulation to Indentured_data_list_entry (tabulation_of_entries)	@793	M
@752.4	*	Indented_data_list_entry	#144, #19, #152, 'indented data list entry'	M
@755	*	Indented_data_list_entry.indenture_level	<not_present>	M
@762	*	Indented_data_list_entry to Effectivity (effective_on)	<not_present>	M
<u>@764.4</u>	*	<u>Indented_data_list_entry to Item_parent_to_item_child_relationship (entry)</u>	<u>@931.4</u>	<u>M</u>
<u>@7671.4</u>	*	<u>Indented_data_list_entry to Tdp_indentured_item (entry)</u>	<u>@1620.5</u>	<u>M</u>
<u>@771.4</u>	*	<u>Indented_data_list_entry to Notation (entry_notes)</u>	<u>@1032.4</u>	<u>M</u>
<u>@7722.4</u>	*	<u>Indented_data_list_entry to Retrofit_usage (retrofit)</u>	<u>@1327.1</u>	<u>M</u>
@778		Indented_data_list_tabulation to Indentured_data_list_entry (tabulation_of_entries)	@793	M
@752.5	*	Indented_data_list_entry	#147, #22, #152, 'indented data list entry'	M
<u>@764.5</u>	*	<u>Indented_data_list_entry to Item_parent_to_item_child_relationship (entry)</u>	<u>@931.5</u>	<u>M</u>
<u>@7671.5</u>	*	<u>Indented_data_list_entry to Tdp_indentured_item (entry)</u>	<u>@1620.2</u>	<u>M</u>
<u>@771.5</u>	*	<u>Indented_data_list_entry to Notation (entry_notes)</u>	<u>@1032.4</u>	<u>M</u>
<u>@7722.5</u>	*	<u>Indented_data_list_entry to Retrofit_usage (retrofit)</u>	<u>@1327.1</u>	<u>M</u>
@778		Indented_data_list_tabulation to Indentured_data_list_entry (tabulation_of_entries)	@793	M
@752.6	*	Indented_data_list_entry	#143, #18, #152, 'indented data list entry'	M

Id	V	Application Elements	Value	Req
@764.6	*	<u>Indentured_data_list_entry to Item_parent_to_item_child_relationship(entry)</u>	@931.6	M
@7671.6	*	<u>Indentured_data_list_entry to Tdp_indentured_item(entry)</u>	@1620.3	M
@771.6	*	<u>Indentured_data_list_entry to Notation(entry_notes)</u>	@1032.5	M
@7722.6	*	<u>Indentured_data_list_entry to Retrofit_usage(retrofit)</u>	@1327.2	M
@778		<u>Indentured_data_list_tabulation to Indentured_data_list_entry(tabulation_of_entries)</u>	@793	M
@752.7	*	<u>Indentured_data_list_entry</u>	#145, #20, #152, 'indentured data list entry'	M
@764.7	*	<u>Indentured_data_list_entry to Item_parent_to_item_child_relationship(entry)</u>	@931.7	M
@7671.7	*	<u>Indentured_data_list_entry to Tdp_indentured_item(entry)</u>	@1620.4	M
@771.7	*	<u>Indentured_data_list_entry to Notation(entry_notes)</u>	@1032.6	M
@7722.7	*	<u>Indentured_data_list_entry to Retrofit_usage(retrofit)</u>	@1327.3	M
@778		<u>Indentured_data_list_tabulation to Indentured_data_list_entry(tabulation_of_entries)</u>	@793	M
@780	*	<u>Indentured_data_list_header</u>	#53, 'indentured data list header'	M
@781		<u>Indentured_data_list_header to Header(common_header)</u>	@688	M
@787		<u>Indentured_data_list to Indentured_data_list_header(header)</u>	@739	M
@788		<u>Indentured_data_list_tabulation</u>	#75, #63, #86, 'indentured by item'	M
@790		<u>Indentured_data_list_tabulation to Indentured_list_by_part(method_of_entry_tabulation)</u>	@800	M
@793		<u>Indentured_data_list_tabulation to Indentured_data_list_entry(tabulation_of_entries)</u>	@752.1 - @752.7	M

Id	V	Application Elements	Value	Req
@794		Indentured_data_list_body to Indentured_data_list_tabulation (indentured_tabulation)	@741	M
@800	*	Indentured_list_by_part	#75, #63, #86, 'indentured by item'	M
@802	*	Indentured_list_by_part to Tdp_indentured_item (tdp_indentured_items)	@1620.1 - @1620.4	M
@803		Indentured_data_list_tabulation to Indentured_list_by_part (method_of_entry_tabulation)	@790	M
@837.1	*	Item	#146	M
@839.1	*	Item.item_contexts	#164, #185, #189, 'Production'	S
@850.1	*	Item to Item_identification (identification)	@869.2	M
@837.2	*	Item	#143	M
@839.2	*	Item.item_contexts	#161, #182, #189, 'Production'	S
@850.2	*	Item to Item_identification (identification)	@869.3	M
@837.3	*	Item	#144	M
@839.3	*	Item.item_contexts	#162, #183, #189, 'Production'	S
@850.3	*	Item to Item_identification (identification)	@869.4	M
@869.1	*	Item_identification	#167	M
@870.1	*	Item_identification.identifying_number	#181, '616SCPPAM100'	S
@880.1	*	Item_identification to Item_type (classifications)	@945.1	M
@882.1	*	Item_identification to Design_authority (design_activity)	@444.1	M
@900_1	*	Item_parent_to_item_child_relationship to Item_identification (parent)	@933.1, @933.2, @933.43, @933.5 - @933.7	M
@908	*	Tdp_indentured_item to Item_identification (tdp_indenture)	@1621.1	M
@869.2	*	Item_identification	#164	M
@870.2	*	Item_identification.identifying_number	#185, '616MODPAM100'	S
@873.2	*	Item_identification.nomenclature_or_name	#185, 'TITLE FIELD FOR MODULE'	S

Id	V	Application Elements	Value	Req
@878.2	*	Item_identification to Change_identification (change)	@84.2	M
@880.2	*	Item_identification to Item_type (classifications)	@945.2	M
@882.2	*	Item_identification to Design_authority (design_activity)	@444.2	M
@889	*	Item_parent_to_item_child_relationship to Item_identification (child)	@932.1	M
@896	*	Item to Item_identification (identification)	@850.1	M
@869.3	*	Item_identification	#161	M
@870.3	*	Item_identification.identifying_number	#182, '616MODPAM900'	S
@873.3	*	Item_identification.nomenclature_or_name	#182, 'REVISED TITLE FIELD FOR MODULE'	S
@878.3	*	Item_identification to Change_identification (change)	@84.3	M
@880.3	*	Item_identification to Item_type (classifications)	@945.2	M
@882.3	*	Item_identification to Design_authority (design_activity)	@444.2	M
@889_0	*	Item_parent_to_item_child_relationship to Item_identification (child)	@932.2, @932.6	M
@896		Item to Item_identification (identification)	@850.2	M
@900	*	Item_parent_to_item_child_relationship to Item_identification (parent)	@933.4	M
@908		Tdp_indentured_item to Item_identification (tdp_indenture)	@1621.3	M
@869.4	*	Item_identification	#163	M
@870.4	*	Item_identification.identifying_number	#184, '616MODPAM300'	S
@873.4	*	Item_identification.nomenclature_or_name	#184, 'TITLE FIELD FOR MODULE'	S
@878.4	*	Item_identification to Change_identification (change)	@84.4	M
@880.4	*	Item_identification to Item_type (classifications)	@945.2	M
@882.4	*	Item_identification to Design_authority (design_activity)	@444.2	M

Id	V	Application Elements	Value	Req
@88990		Item_parent_to_item_child_relationship to Item_identification (child)	@932.3, @932.7	M
@896		Item to Item_identification (identification)	@850.3	M
@908		Tdp_indentured_item to Item_identification (tdp_indenture)	@1621.4	M
@869.5	*	Item_identification	#162	M
@870.5	*	Item_identification.identifying_number	#183, '616EMODPAM900'	S
@880.5	*	Item_identification to Item_type (classifications)	@945.3	M
@882.5	*	Item_identification to Design_authority (design_activity)	@444.2	M
<u>@889</u>		<u>Item_parent_to_item_child_relationship to Item_identification (child)</u>	<u>@932.4</u>	<u>M</u>
@908		Tdp_indentured_item to Item_identification (tdp_indenture)	@1621.5	M
@869.6	*	Item_identification	#165	M
@870.6	*	Item_identification.identifying_number	#186, '616MODPAM200'	S
@880.6	*	Item_identification to Item_type (classifications)	@945.2	M
@882.6	*	Item_identification to Design_authority (design_activity)	@444.2	M
<u>@889</u>		<u>Item_parent_to_item_child_relationship to Item_identification (child)</u>	<u>@932.5</u>	<u>M</u>
@908		Tdp_indentured_item to Item_identification (tdp_indenture)	@1621.2	M
@931.1	*	Item_parent_to_item_child_relationship	#73	M
@932.1	*	Item_parent_to_item_child_relationship to Item_identification (child)	@869.2	M
@933.1	*	Item_parent_to_item_child_relationship to Item_identification (parent)	@869.1	M
@934	*	Indentured_data_list_entry to Item_parent_to_item_child_relationship (entry)	@764.1	M
@931.2	*	Item_parent_to_item_child_relationship	#70	M
@932.2	*	Item_parent_to_item_child_relationship to Item_identification (child)	@869.3	M

Id	V	Application Elements	Value	Req
@933.2	*	Item_parent_to_item_child_relationship to Item_identification (parent)	@869.1	M
@934		Indentured_data_list_entry to Item_parent_to_item_child_relationship (entry)	@764.2	M
@931.3	*	Item_parent_to_item_child_relationship	#71	M
@932.3	*	Item_parent_to_item_child_relationship to Item_identification (child)	@869.4	M
@933.3	*	Item_parent_to_item_child_relationship to Item_identification (parent)	@869.1	M
@934		Indentured_data_list_entry to Item_parent_to_item_child_relationship (entry)	@764.3	M
<u>@931.4</u>	*	<u>Item parent to item child relationship</u>	#pdr	<u>M</u>
<u>@932.4</u>	*	<u>Item parent to item child relationship to Item identification (child)</u>	<u>@869.5</u>	<u>M</u>
<u>@933.4</u>	*	<u>Item parent to item child relationship to Item identification (parent)</u>	<u>@869.3</u>	<u>M</u>
<u>@934</u>		<u>Indentured data list entry to Item parent to item child relationship (entry)</u>	<u>@764.4</u>	<u>M</u>
<u>@931.5</u>	*	<u>Item parent to item child relationship</u>	#pdr	<u>M</u>
<u>@932.5</u>	*	<u>Item parent to item child relationship to Item identification (child)</u>	<u>@869.6</u>	<u>M</u>
<u>@933.5</u>	*	<u>Item parent to item child relationship to Item identification (parent)</u>	<u>@869.1</u>	<u>M</u>
<u>@934</u>		<u>Indentured data list entry to Item parent to item child relationship (entry)</u>	<u>@764.5</u>	<u>M</u>
<u>@931.6</u>	*	<u>Item parent to item child relationship</u>	#pdr	<u>M</u>
<u>@932.6</u>	*	<u>Item parent to item child relationship to Item identification (child)</u>	<u>@869.3</u>	<u>M</u>
<u>@933.6</u>	*	<u>Item parent to item child relationship to Item identification (parent)</u>	<u>@869.1</u>	<u>M</u>
<u>@934</u>		<u>Indentured data list entry to Item parent to item child relationship (entry)</u>	<u>@764.6</u>	<u>M</u>
<u>@931.7</u>	*	<u>Item parent to item child relationship</u>	#pdr	<u>M</u>

Id	V	Application Elements	Value	Req
@932.7	*	<u>Item parent to item child relationship to Item identification (child)</u>	@869.4	M
@933.7	*	<u>Item parent to item child relationship to Item identification (parent)</u>	@869.1	M
@934		<u>Indentured data list entry to Item parent to item child relationship (entry)</u>	@764.7	M
@945.1		Item_type	#176	M
@946.1		Item_type.item_code	#176, 'supplier custom part'	S
@951		Item_identification to Item_type (classifications)	@880.1	M
@945.2		Item_type	#177	M
@946.2		Item_type.item_code	#177, 'module'	S
@952		Item_identification to Item_type (classifications)	@880.2 - @880.4, @880.6	M
@945.3		Item_type	#178	M
@946.3		Item_type.item_code	#178, 'exception module'	S
@951		Item_identification to Item_type (classifications)	@880.5	M
@1032.1	*	Notation	#331, #31, 'notation'	M
@1033.1	*	Notation.note	#331, 'TEXT FIELD FOR INSPECTION REQUIREMENTS SPECIFICATION 1'	S
@1038.1	*	Notation.note_title	#331, 'INSPECTION REQUIREMENTS SPECIFICATION'	S
@1071	*	Indentured_data_list_body to Notation (notes_list)	@744	M
@1032.2	*	Notation	#332, #31, 'notation'	M
@1033.2	*	Notation.note	#332, 'SECOND TEXT FIELD FOR INSPECTION REQUIREMENTS SPECIFICATION 2'	S
@1038.2	*	Notation.note_title	#332, 'INSPECTION REQUIREMENTS SPECIFICATION'	S

Id	V	Application Elements	Value	Req
@1071		Indented_data_list_body to Notation (notes_list)	@744	M
@1032. 3	*	Notation	#33, #31, 'notation'	M
@1033. 3	*	Notation.note	#33, 'Forecasted'	S
@1038. 3	*	Notation.note_title	#33, 'AIRPLANE STATUS'	S
@1071		Indented_data_list_body to Notation (notes_list)	@744	M
@1032. 4	*	Notation	#351dri, #30rep, 'notation'	M
@1033. 4	*	Notation.note	#351dri, 'DELETES' "B"	S
@1038. 4	*	Notation.note_title	#dri, 'REVISION'	S
@1042. 4	*	Notation.type_of_notation	#1000, #11, 'type of notation', #1001, 'NET CHANGE'	C6
@1056	*	Indented_data_list_entry to Notation (entry_notes)	@771.4, @771.5	M
@1032. 5	*	Notation	#352dri, #301rep, 'notation'	M
@1033. 5	*	Notation.note	#352dri, 'REVISED TITLE ...'	S
@10431 <u>038.5</u>	*	Notation.type_of_notation note_title	#dri, 'DESCRIPTION' #1000, #11, 'type of notation', #1001, 'NET-CHANGE', #1002, #1003, "REVISION", #1004, #1005, "DESCRIPTION"	C7
@1055	*	Indented_data_list_entry to Notation (entry_notes)	@772	M
@1032. 6	*	Notation	#353, #302, 'notation'	M
@1033. 6	*	Notation.note	#353, 'ADDS'	S
@1042. 6	*	Notation.type_of_notation	#1000, #11, 'type of notation', #1001, 'NET CHANGE'	C6

Id	V	Application Elements	Value	Req
@1055		Indentured_data_list_entry to Notation (entry_notes)	@771.7	M
@1032.9		Notation	#35, #31, 'notation'	M
@1033.9		Notation.note	#35, 'NOTICE - THE INFORMATION CONTAINED HEREIN IS PROPRIETARY.'	S
@1042.9		Notation.type_of_notation	#10, #11, 'type of notation', #12, 'STANDARD NOTES'	C8
@1045		Notation to Element_identification (referenced_document_in_note)	@503.9	M
@1071		Indentured_data_list_body to Notation (notes_list)	@744	M
@1205	*	Product_configuration	#46	M
@1206	*	Product_configuration.configuration_id	#46, 'YA900'	S
@1210		Product_configuration to Product_model (product_name)	@1238	M
@1211		Configuration to Product_configuration (end_item_system_designation)	@171	M
@1214		Effectivity to Product_configuration (product)	@498.1 - @498.4	M
@1238	*	Product_model	#45	M
@1239	*	Product_model.model_name	#45, '737'	S
@1240		Product_configuration to Product_model (product_name)	@1210	M
@1317		Release_authentication	#78	M
@1318		Release_authentication.authentication	#77, 'PDM'	S
@1321		Release_authentication to Company (release_authority)	@134.1, #41, #42, 'release authentication'	M
@1324		Release_authentication to Date (release_date)	@397, #83, #62, #85, 'release authentication'	M
@1325		Configuration to Release_authentication (release_authorizations)	@176	M
@1327. 1	*	Retrofit_usage	#aaa, #rla, #rl, 'retrofit usage'	M

Id	V	Application Elements	Value	Req
<u>@1329</u>	*	<u>Retrofit_usage.disposition_for</u>	#act, #am, 'delete'	M
<u>@1331</u>	*	<u>Retrofit_usage to Other_reference_document (defining_document)</u>	<not present>	M
<u>@1333</u>	*	<u>Retrofit_usage to Notation (retrofit_description)</u>	<not present>	M
<u>@13342</u>	*	<u>Indentured_data_list_entry to Retrofit_usage (retrofit)</u>	@7722.4, @7722.5	M
<u>@1327.2</u>	*	<u>Retrofit_usage</u>	#aaa, #rla, #rl, 'retrofit usage'	M
<u>@1330</u>	*	<u>Retrofit_usage.disposition_for</u>	#act, #am, 'modify'	M
<u>@1333</u>	*	<u>Retrofit_usage to Notation (retrofit_description)</u>	<not present>	M
<u>@13341</u>	*	<u>Indentured_data_list_entry to Retrofit_usage (retrofit)</u>	@7722.6	M
<u>@1327.1</u>	*	<u>Retrofit_usage</u>	#aaa, #rla, #rl, 'retrofit usage'	M
<u>@1328</u>	*	<u>Retrofit_usage.disposition_for</u>	#act, #am, 'add'	M
<u>@13341</u>		<u>Indentured_data_list_entry to Retrofit_usage (retrofit)</u>	@7722.7	M
<u>@1360</u>		<u>Security_classification</u>	#39	M
<u>@1361</u>		<u>Security_classification.item_classification</u>	#39, 'item security classification', #40, 'PROPRIETARY'	C9
<u>@1368</u>		<u>Configuration to Security_classification (security_identifications)</u>	@179	M
<u>@492.1</u>	*	<u>Effectivity (as Sequence_effectivity)</u>	#51	M
<u>@494.1</u>	*	<u>Effectivity.description</u>	#16, 'applicability'	S
<u>@496.1</u>	*	<u>Effectivity to Approval (effectivity_approvals)</u>	@59	M
<u>@498.1</u>	*	<u>Effectivity to Product_configuration (product)</u>	@1205	M
<u>@499</u>	*	<u>Indentured_data_list_entry to Effectivity (effective_on)</u>	@763.1	M
<u>@1372.1</u>	*	<u>Sequence_effectivity</u>	#51	M
<u>@1373.1</u>	*	<u>Sequence_effectivity.from_effectivity_id</u>	#51, '362'	S

Id	V	Application Elements	Value	Req
@1377.1	*	Sequence_effectivity.thru_effectivity_id	#51, '362'	S
@492.2		Effectivity (as Sequence_effectivity)	#48	M
@494.2		Effectivity.description	#13, 'applicability'	S
@496.2		Effectivity to Approval (effectivity_approvals)	@59	M
@498.2		Effectivity to Product_configuration (product)	@1205	M
@499		Indentured_data_list_entry to Effectivity (effective_on)	@763.2	M
@1372.2		Sequence_effectivity	#48	M
@1373.2		Sequence_effectivity.from_effectivity_id	#48, '362'	S
@1377.2		Sequence_effectivity.thru_effectivity_id	#48, '362'	S
@492.3		Effectivity (as Sequence_effectivity)	#49	M
@494.3		Effectivity.description	#14, 'applicability'	S
@496.3		Effectivity to Approval (effectivity_approvals)	@59	M
@498.3		Effectivity to Product_configuration (product)	@1205	M
@499		Indentured_data_list_entry to Effectivity (effective_on)	@763.3	M
@1372.3		Sequence_effectivity	#49	M
@1373.3		Sequence_effectivity.from_effectivity_id	#49, '362'	S
@1377.3		Sequence_effectivity.thru_effectivity_id	#49, '362'	S
@1480.1	*	Status	#87	M
@1481.1	*	Status.status_code	#87, 'Components Available for Order'	S
@1484	*	Change_identification to Status (action_status)	@106.1	M
@1480.2	*	Status	#91	M

Id	V	Application Elements	Value	Req
@1481. 2	*	Status.status_code	#91, 'Approved'	S
@1484		Change_identification to Status (action_status)	@106.2	M
@1480. 3	*	Status	#88	M
@1481. 3	*	Status.status_code	#88, 'Approved'	S
@1484		Change_identification to Status (action_status)	@106.3	M
@1480. 4	*	Status	#105	M
@1481. 4	*	Status.status_code	#105, 'Components Available for Order'	S
@1484		Change_identification to Status (action_status)	@106.4	M
@1620. 1	*	Tdp_indentured_item	#148	M
@1621. 1	*	Tdp_indentured_item to Item_identification (tdp_indenture)	@869.1	M
@1626	*	Indentured_list_by_part to Tdp_indentured_item (tdp_indentured_items)	@802	M
@1620. 2	*	Tdp_indentured_item	#147	M
@1621. 2	*	Tdp_indentured_item to Item_identification (tdp_indenture)	@869.6	M
@1626		Indentured_list_by_part to Tdp_indentured_item (tdp_indentured_items)	@802	M
@1620. 3	*	Tdp_indentured_item	#143	M
@1621. 3	*	Tdp_indentured_item to Item_identification (tdp_indenture)	@869.3	M
@1626		Indentured_list_by_part to Tdp_indentured_item (tdp_indentured_items)	@802	M
@1620. 4	*	Tdp_indentured_item	#145	M
@1621. 4	*	Tdp_indentured_item to Item_identification (tdp_indenture)	@869.4	M

Id	V	Application Elements	Value	Req
@1626		Indentured_list_by_part to Tdp_indentured_item (tdp_indentured_items)	@802	M
@1620. 5	*	Tdp_indentured_item	#145	M
@1621. 5	*	Tdp_indentured_item to Item_identification (tdp_indenture)	@869.5	M
@1626		Indentured_list_by_part to Tdp_indentured_item (tdp_indentured_items)	@802	M

6.12.1.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc2, and gvc3.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following preprocessor-specific verdict criteria apply:

6.12.1.4 Constraints on values

The following constraints apply as referenced in the input specification table:

- c1: The value 'B' is suggested; all other attribute values are mandatory.
- c2: The value '1' is suggested; all other attribute values are mandatory.
- c3: The value 'A' is suggested; all other attribute values are mandatory.
- c4: The value '1' is suggested; all other attribute values are mandatory.
- c5: The value '2' is suggested; all other attribute values are mandatory.
- c6: The value 'NET CHANGE' is suggested; all other attribute values are mandatory.
- c7: The values 'NET CHANGE', 'REVISION'; and 'DESCRIPTION' are suggested; all other attribute values are mandatory.
- c8: The value 'STANDARD NOTES' is suggested; all other attribute values are mandatory.
- c9: The value 'PROPRIETARY' is suggested; all other attribute values are mandatory.

6.12.2 Postprocessor

6.12.2.1 Test purpose coverage

The following general test purposes are covered: g1, g4, and g5.

The following other test purposes are covered: other2, other5, and other6.

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any) whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following AIM test purposes are covered:

@aim4, @aim5, @aim46, @aim50, @aim52, @aim67, @aim68, @aim71, aim72, aim76, aim77, aim84, ...

6.12.2.2 Input specification

The postprocessor input specification is provided in electronic form only. See annex C.

6.12.2.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc4, and gvc5.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following specific verdict criteria apply:

6.13 6SCML_removeSCP

The purpose of this test case is to create an Indentured Data List of the type known as a Supplier Custom Module List (SCML) that does not have any indentured items in the list. That is, the IDL consists only of top level items and associated Notation objects that convey net change information. The type of Indentured Data List is indentured list by item.

6.13.1 Preprocessor

6.13.1.1 Test purposes covered:

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any), whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following general test purposes are covered: g1, g2, and g3.

The following other test purposes are covered: other1, other14, and other22.

6.13.1.2 Input specification

Table 13 - Application elements for 6SCML_removeSCP

Id	V	Application Elements	Value	Req
@12	*	Alternate_element_identification	#168, #180, #172, 'document'	M
@13	*	Alternate_element_identification.identifying_number	#180, '616SCPPAM100YA900362C'	S
@18		Alternate_element_identification to Design_authority (design_activity)	@444.1	M
@20		Alternate_element_identification to Element_type (element_classifications)	@550.2	M
@25		Element_identification to Alternate_element_identification (alternate_identifications)	@5062	M
@84.1	*	Change_identification	#126, 'change identification'	M
@90.1		Change_identification.change_code	#126, 'revision'	M
@104.1	*	Change_identification.revision_level	#93, 'change identification level', #106, ('C', 'revision'), #119, #61, #84, 'change identification', #160, 'C'	C1
@106		Change_identification to Status (action_status)	@1480	M
@119		Element_identification to Change_identification (change_status)	@508.1	M
@84.9		Change_identification	#132, 'change identification'	M
@90.9		Change_identification.change_code	#132, 'revision'	M
@104.9		Change_identification.revision_level	#105, 'change identification level', #118, ('B', 'revision'), #125, #69, #84, 'change identification', #166, 'B'	C2
@119		Element_identification to Change_identification (change_status)	@508.9	M
@134.1		Company	#140	M
@136		Company.address	#134, 'Headquarters, Drizzle, WA 99999'	S

Id	V	Application Elements	Value	Req
@137.1		Company.name	#140, 'The Errorspace Company'	S
@144.1		Design_authority to Company (design_activity_identification)	@445.1	M
@148		Release_authentication to Company (release_authority)	@1321	M
@134.2		Company	#141	M
@137.2		Company.name	#141, 'The Errorspace Company'	S
@144.2		Design_authority to Company (design_activity_identification)	@445.2	M
@152		Company_code	#140	M
@153		Company_code.code	#135, '99999'	S
@155		Company_code.type_of_code	#136, ('alias id', 'CAGE')	M
@158		Design_authority to Company_code (design_activity_code)	@447	M
@164		Configuration	#53	M
@171		Configuration to Product_configuration (end_item_system_designation)	@1205	M
@176		Configuration to Release_authentication (release_authorizations)	@1317, #43, #66, #85, 'release authentication'	M
@179		Configuration to Security_classification (security_identifications)	@1360	M
@181		Header_configuration_with_element_identification to Configuration (data_configuration)	@722	M
@397		Date	#81	M
@399		Date.day	#81, 15	S
@401		Date.month	#81, 9	S
@404		Date.year	#81, 2000	S
@407		Approval to Date (approval_date)	@61	M
@423		Release_authentication to Date (release_date)	@1324	M
@444.1		Design_authority	#137	M

Id	V	Application Elements	Value	Req
@4442		Design_authority.role	#139, 'id owner'	M
@445.1		Design_authority to Company (design_activity_identification)	@134.1	M
@447		Design_authority to Company_code (design_activity_code)	@152	M
@450		Alternate_element_identification to Design_authority (design_activity)	@18	M
@454		Element_identification to Design_authority (design_activities)	@509.1	M
@456		Item_identification to Design_authority (design_activity)	@882.1	M
@444.2		Design_authority	#138	M
@4442		Design_authority.role	#139, 'id owner'	M
@445.2		Design_authority to Company (design_activity_identification)	@134.2	M
@454		Element_identification to Design_authority (design_activities)	@509.9	M
@457		Item_identification to Design_authority (design_activity)	@882.2 - @882.4	M
@503.1	*	Element_identification	#160, #179, #172, 'document'	M
@504.1	*	Element_identification.identifying_number	#179, '616SCPPAM100,362,YA900'	S
@506		Element_identification.title	#179, 'DESCRIPTION FIELD FOR SUPPLIER CUSTOM PART'	S
@5062		Element_identification to Alternate_element_identification (alternate_identifications)	@12, #159, 'alternate element identification'	M
@508.1		Element_identification to Change_identification (change_status)	@84.1	M
@509.1		Element_identification to Design_authority (design_activities)	@444.1	M
@511		Element_identification to Element_type (element_classifications)	@550.1	M

Id	V	Application Elements	Value	Req
@526		Header_configuration_with_element_identification to Element_identification (identification)	@723	M
@503.9		Element_identification	#166, #186, #172, 'document'	M
@504.9		Element_identification.identifying_number	#186, 'EDS-1057_SCML'	S
@508.9		Element_identification to Change_identification (change_status)	@84.9	M
@509.9		Element_identification to Design_authority (design_activities)	@444.2	M
@536		Notation to Element_identification (referenced_document_in_note)	@1045	M
@550.1		Element_type	#174	M
@551.1		Element_type.element_code	#174, 'Supplier Custom Module List'	S
@553		Element_type.type_of_coding_scheme	#174, 'Distribution Product'	S
@558		Element_identification to Element_type (element_classifications)	@511	M
@550.2		Element_type	#175	M
@551.2		Element_type.element_code	#175, 'SCML IDENTIFIER'	S
@556		Alternate_element_identification to Element_type (element_classifications)	@22	M
@688		Header	#53	M
@699		Header to Header_configuration_with_element_identification (header_configuration)	@721	M
@704		Indentured_data_list_header to Header (common_header)	@781	M
@721		Header_configuration_with_element_identification	#53	M
@722		Header_configuration_with_element_identification to Configuration (data_configuration)	@164	M
@723		Header_configuration_with_element_identification to Element_identification (identification)	@503.1	M
@726		Header to Header_configuration_with_element_identification (header_configuration)	@699	M

Id	V	Application Elements	Value	Req
@1591		Tdp_element (as Associated_list)	#160, #179, #172, 'document', #169, #173, 'indentured data list'	M
@69		Associated_list (as Document_list)	#160, #179, #173, 'indentured data list'	M
@469		Document_list (as Indentured_data_list)	#160	M
@737	*	Indentured_data_list	#160, #179, #172, 'document', #169, #173, 'indentured data list'	M
@738		Indentured_data_list to Indentured_data_list_body (body)	@740	M
@739		Indentured_data_list to Indentured_data_list_header (header)	@780	M
@740	*	Indentured_data_list_body	#142, 'indentured data list content'	M
@741		Indentured_data_list_body to Indentured_data_list_tabulation (indentured_tabulation)	@788, #153, 'equivalence', #155, #157, 'configuration controlled document definition', #75, #63, #86, 'indentured by item'	M
@743		Indentured_data_list_body to Notation (notes_list)	#60, 'indentured data list body property', @1032.9	M
@751		Indentured_data_list to Indentured_data_list_body (body)	@738	M
@752.1	*	Indentured_data_list_entry	#146, #21, #152, 'indentured data list entry'	M
@755	*	Indentured_data_list_entry.indenture_level	<not_present>	M
@762	*	Indentured_data_list_entry to Effectivity (effective_on)	<not_present>	M
@7671 .1	*	Indentured_data_list_entry to Tdp_indentured_item (entry)	@1620.1	M
@771.1	*	Indentured_data_list_entry to Notation (entry_notes)	@1032.1	M
@778	*	Indentured_data_list_tabulation to Indentured_data_list_entry (tabulation_of_entries)	@793	M
@752.2	*	Indentured_data_list_entry	#145, #20, #152, 'indentured data list entry'	M

Id	V	Application Elements	Value	Req
@7671.2	*	Indented_data_list_entry to Tdp_indentured_item (entry)	@1620.2	M
@771.2	*	Indented_data_list_entry to Notation (entry_notes)	@1032.2	M
@778		Indented_data_list_tabulation to Indentured_data_list_entry (tabulation_of_entries)	@793	M
@752.3	*	Indented_data_list_entry	#143, #18, #152, 'indentured data list entry'	M
@7671.3	*	Indented_data_list_entry to Tdp_indentured_item (entry)	@1620.3	M
@771.3	*	Indented_data_list_entry to Notation (entry_notes)	@1032.3	M
@778		Indented_data_list_tabulation to Indentured_data_list_entry (tabulation_of_entries)	@793	M
@780	*	Indented_data_list_header	#53, 'indentured data list header'	M
@781		Indented_data_list_header to Header (common_header)	@688	M
@787		Indented_data_list to Indentured_data_list_header (header)	@739	M
@788		Indented_data_list_tabulation	#75, #63, #86, 'indentured by item'	M
@790		Indented_data_list_tabulation to Indentured_list_by_part (method_of_entry_tabulation)	@800	M
@793		Indented_data_list_tabulation to Indentured_data_list_entry (tabulation_of_entries)	@752.1 - @752.3	M
@794		Indented_data_list_body to Indentured_data_list_tabulation (indentured_tabulation)	@741	M
@800		Indented_list_by_part	#75, #63, #86, 'indentured by item'	M
@802		Indented_list_by_part to Tdp_indentured_item (tdp_indentured_items)	@1620.1 - @1620.3	M

Id	V	Application Elements	Value	Req
@803		Indentured_data_list_tabulation to Indentured_list_by_part (method_of_entry_tabulation)	@790	M
@869.1	*	Item_identification	#164	M
@870.1	*	Item_identification.identifying_number	#185, '616MODPAM100'	S
@880.1	*	Item_identification to Item_type (classifications)	@945	M
@882.1	*	Item_identification to Design_authority (design_activity)	@444.2	M
@908	*	Tdp_indentured_item to Item_identification (tdp_indenture)	@1621.1	M
@869.2	*	Item_identification	#163	M
@870.2	*	Item_identification.identifying_number	#184, '616MODPAM300'	S
@880.2	*	Item_identification to Item_type (classifications)	@945	M
@882.2	*	Item_identification to Design_authority (design_activity)	@444.2	M
@908		Tdp_indentured_item to Item_identification (tdp_indenture)	@1621.2	M
@869.3	*	Item_identification	#161	M
@870.3	*	Item_identification.identifying_number	#182, '616MODPAM900'	S
@880.3	*	Item_identification to Item_type (classifications)	@945	M
@882.3	*	Item_identification to Design_authority (design_activity)	@444.2	M
@908		Tdp_indentured_item to Item_identification (tdp_indenture)	@1621.3	M
@945		Item_type	#177	M
@946		Item_type.item_code	#177, 'module'	S
@952		Item_identification to Item_type (classifications)	@880.1 - @880.3	M
@1032. 1	*	Notation	#34, #31, 'notation'	M
@1033. 1	*	Notation.note	#34, 'DELETES'	S

Id	V	Application Elements	Value	Req
@1042.4	*	Notation.type_of_notation	#13, #11, 'type of notation', #14, 'NET CHANGE'	C3
@1056	*	Indented_data_list_entry to Notation (entry_notes)	@771.1 - @771.4	M
@1032.9		Notation	#35, #33, 'notation'	M
@1033.9		Notation.note	#35, 'NOTICE - THE INFORMATION CONTAINED HEREIN IS PROPRIETARY.'	S
@1042.9		Notation.type_of_notation	#10, #11, 'type of notation', #12, 'STANDARD NOTES'	C4
@1045		Notation to Element_identification (referenced_document_in_note)	@503.9	M
@1071		Indented_data_list_body to Notation (notes_list)	@744	M
@1205	*	Product_configuration	#46	M
@1206	*	Product_configuration.configuration_id	#46, 'YA900'	S
@1210		Product_configuration to Product_model (product_name)	@1238	M
@1211		Configuration to Product_configuration (end_item_system_designation)	@171	M
@1238	*	Product_model	#45	M
@1239	*	Product_model.model_name	#45, '737'	S
@1240		Product_configuration to Product_model (product_name)	@1210	M
@1317		Release_authentication	#78	M
@1318		Release_authentication.authentication	#77, 'PDM'	S
@1321		Release_authentication to Company (release_authority)	@134.1, #41, #42, 'release authentication'	M
@1324		Release_authentication to Date (release_date)	@397, #83, #62, #85, 'release authentication'	M
@1325		Configuration to Release_authentication (release_authorizations)	@176	M
@1360		Security_classification	#39	M

Id	V	Application Elements	Value	Req
@1361		Security_classification.item_classification	#39, 'item security classification', #40, 'PROPRIETARY'	C5
@1368		Configuration to Security_classification (security_identifications)	@179	M
@1480	*	Status	#87	M
@1481	*	Status.status_code	#87, 'Components Available for Order'	S
@1484	*	Change_identification to Status (action_status)	@106.1	M
@1620.1	*	Tdp_indentured_item	#146	M
@1621.1	*	Tdp_indentured_item to Item_identification (tdp_indenture)	@869.1	M
@1626	*	Indentured_list_by_part to Tdp_indentured_item (tdp_indentured_items)	@801	M
@1620.2	*	Tdp_indentured_item	#145	M
@1621.2	*	Tdp_indentured_item to Item_identification (tdp_indenture)	@869.2	M
@1626		Indentured_list_by_part to Tdp_indentured_item (tdp_indentured_items)	@801	M
@1620.3	*	Tdp_indentured_item	#143	M
@1621.3	*	Tdp_indentured_item to Item_identification (tdp_indenture)	@869.3	M
@1626		Indentured_list_by_part to Tdp_indentured_item (tdp_indentured_items)	@801	M

6.13.1.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc2, and gvc3.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following preprocessor-specific verdict criteria apply:

6.13.1.4 Constraints on values

The following constraints apply as referenced in the input specification table:

- c1: The value 'C' is suggested; all other attribute values are mandatory.
- c2: The value 'B' is suggested; all other attribute values are mandatory.
- c3: The value 'NET CHANGE' is suggested; all other attribute values are mandatory.
- c4: The value 'STANDARD NOTES' is suggested; all other attribute values are mandatory.
- c5: The value 'PROPRIETARY' is suggested; all other attribute values are mandatory.

6.13.2 Postprocessor

6.13.2.1 Test purpose coverage

The following general test purposes are covered: g1, g4, and g5.

The following other test purposes are covered: other2, other5, and other6.

In the preprocessor input specification table of this test case, the numbers in the Id column (ignoring the part beyond the decimal point, if any) whose rows are not empty in the V column identify the AE test purposes that are covered by this test case.

The following AIM test purposes are covered:

@aim4, @aim5, @aim46, @aim50, @aim52, @aim67, @aim68, @aim71, aim72, aim76, aim77, aim84, ...

6.13.2.2 Input specification

The postprocessor input specification is provided in electronic form only. See annex C.

6.13.2.3 Verdict criteria

The following general verdict criteria apply: gvc1, gvc4, and gvc5.

The verdict criteria derivable from the application elements with non-blank entries in the V column of the preprocessor input specification table apply.

The following specific verdict criteria apply:

Annex A (normative)

Conformance Classes

A.1 Conformance class 1

To conform to conformance class 1 of ISO 10303-232, an implementation shall pass executable versions of the following abstract test cases:

- **1UoF_DDE_for_Files**
- [etc.]

A.2 Conformance class 2

To conform to conformance class 2 of ISO 10303-232, an implementation shall pass executable versions of the following abstract test cases:

- 2UoF_DDE_for_TDP_elements

A.3 Conformance class 3

To conform to conformance class 3 of ISO 10303-232, an implementation shall pass executable versions of the following abstract test cases:

—

A.4 Conformance class 4

To conform to conformance class 4 of ISO 10303-232, an implementation shall pass executable versions of the following abstract test cases:

—

—

A.5 Conformance class 5

To conform to conformance class 5 of ISO 10303-232, an implementation shall pass executable versions of the following abstract test cases:

—

A.6 Conformance class 6

To conform to conformance class 6 of ISO 10303-232, an implementation shall pass executable versions of the following abstract test cases:

A.7 Conformance class 7

To conform to conformance class 7 of ISO 10303-232, an implementation shall pass executable versions of the following abstract test cases:

A.8 Conformance class 8

To conform to conformance class 8 of ISO 10303-232, an implementation shall pass executable versions of the following abstract test cases:

A.9 Conformance class 9

To conform to conformance class 9 of ISO 10303-232, an implementation shall pass executable versions of the following abstract test cases:

A.10 Conformance class 10

To conform to conformance class 10 of ISO 10303-232, an implementation shall pass executable versions of the following abstract test cases:

A.11 Conformance class 11

To conform to conformance class 11 of ISO 10303-232, an implementation shall pass executable versions of the following abstract test cases:

A.12 Conformance class 12

To conform to conformance class 12 of ISO 10303-232, an implementation shall pass executable versions of the following abstract test cases:

A.13 Conformance class 13

To conform to conformance class 13 of ISO 10303-232, an implementation shall pass executable versions of the following abstract test cases:

A.14 Conformance class 14

To conform to conformance class 14 of ISO 10303-232, an implementation shall pass executable versions of the following abstract test cases:

Annex B
(normative)

Information object registration

To provide for unambiguous identification of an information object system, the object identifier

{ iso standard 10303 part(332) version(1) }

is assigned to this part of ISO 10303. The meaning of this value is defined in ISO/IEC 8824-1 and is described in ISO 10303-1.

Annex C (normative)

Computer interpretable postprocessor input specification

This annex references a listing of the postprocessor input specifications for this part of ISO 10303 without comments or other explanatory text. These specifications are documented using ISO 10303-21. These specifications are available in computer-interpretable form and can be found at the following URLs:

<http://www.mel.nist.gov/step/parts/part332/ts/>

If there is difficulty accessing these sites contact ISO Central Secretariat or contact the ISO TC 184/SC4 Secretariat directly at: sc4sec@cme.nist.gov.

The postprocessor input specifications for each test case is supplied electronically via the Internet. Table C.1 lists the file name of the postprocessor input specification that is associated with the postprocessor subclause(s) of a test case.

Table C. 1 Postprocessor input specification file names

Subclause	Test case	File name
6.1	1UoF_DDE_for_Files	1UoFDDE.stp
6.2	2UoF_DDE_for_TDP_elements	2UoFDDE.stp
6.3	4UoF_PL	4UoFPL1.stp
6.4		

Annex D (informative)

Excluded test purposes

Test purposes for the absence of an attribute or relationship, i.e., test purposes for which the entry in the Value column is <not_present>, are included one time only in any test case. That is, tests for the absence of an application element are not repeated within a test case that includes multiple instances of an application object.

Annex E
(informative)

Bibliography

- [1] Guidelines for the development of abstract test suites, edition 2, ISO TC184/SC4 Standing Document, ISO TC184/SC4 N873, 1999-08-10.